

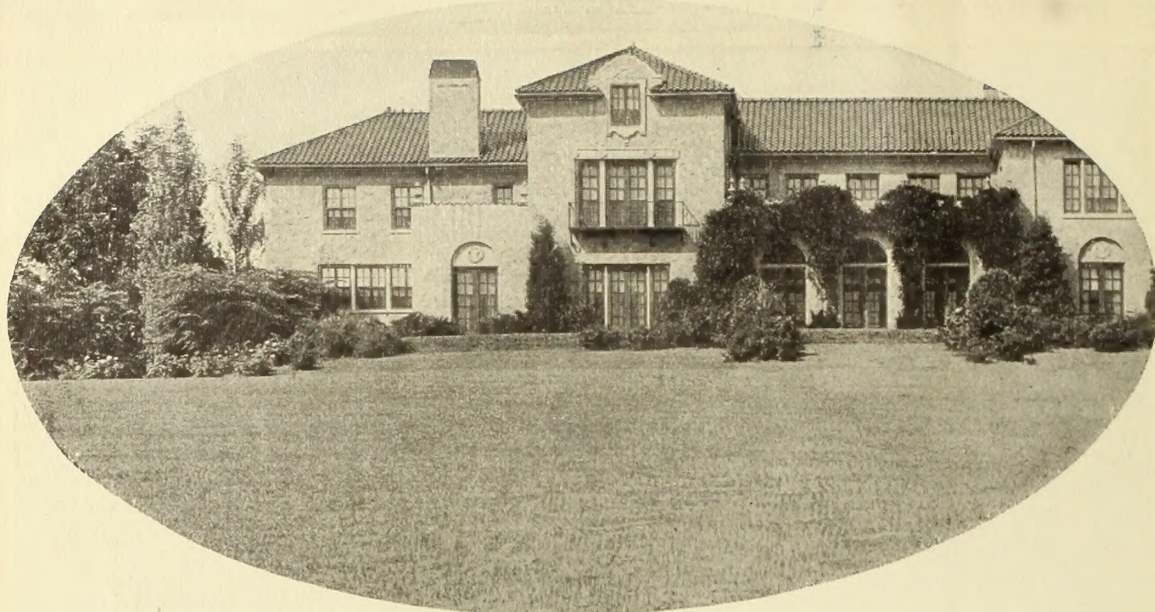
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DREER'S
GARDEN
BOOK
1935

HENRY A. DREER
1306 SPRING GARDEN ST.
PHILADELPHIA, PA.



“The Dreer” Lawn Grass *An Unequalled Mixture for a Beautiful Lawn*

The Dreer Lawn Grass has been carefully prepared in accordance with our own formula which has proved to give a rich green, smooth, velvety lawn of fine texture altogether free from grasses which are inclined to produce clumps or knots. Such a lawn is bound to give to the home grounds a beautiful rich green setting that cannot be achieved in any other way. The grasses included in the Dreer Lawn Grass are all permanent, fine bladed, and of a rich deep green color. They are strictly lawn grasses.

The advantages of using the Dreer Lawn Grass are very obvious since the first and most important requirement for the establishment of a really good lawn is the correct choice of grass seed varieties which make a dwarf compact growth and have a rich deep green color. Due to its many components it is bound to produce a desirable smooth and even effect under varying conditions of soil and climate.

Each variety of grass in its composition is included to serve a special purpose. The strong fibrous roots of certain ones take a good hold of the soil and contribute considerably toward the permanence of the sod. Other grasses in the mixture are of a creeping habit. They are most essential as they quickly cover the entire surface and weave the sod into a thick carpet of rich green. Yet there are other grasses that also help the density and protect the lawn against rain damage and undue wear.

All the seed included in this mixture is of heavy weight. It has been cleaned by modern machinery to reduce foreign worthless substances to a minimum. Considering the value of the lawn as a permanent improvement of the home grounds the gardener cannot be too particular in selecting the very finest.

Pt. 25c; qt. 45c; 2 qts. 85c; 4 qts. \$1.50; peck \$2.75;
 $\frac{1}{2}$ bu. (10 lbs.) \$5.25; bu. (20 lbs.) \$10.00; 100 lbs. \$48.00 prepaid.

Dreer’s “Evergreen” Lawn Grass *A Fine Mixture of Good Permanence*

This special mixture, though less expensive than “The Dreer” Lawn Grass, produces a beautiful and permanent lawn. It is made according to our own formula and is composed of choice grasses which will produce a lawn that retains its rich green color and velvety appearance throughout the entire summer and fall. In making up this brand we are careful to use only seed that has been thoroughly re-cleaned.

Pt. 20c; qt. 35c; 2 qts. 65c; 4 qts. \$1.25; peck \$2.25, $\frac{1}{2}$ bu. (10 lbs.) \$4.25; bu. (20 lbs.) \$8.00; 100 lbs. \$38.00 prepaid.

“Fairmount Park” Lawn Grass *Our Popular Low-Priced Mixture*

This popular, low-priced mixture is well suited to various soil conditions, giving good results even on small city grass plots, where the soil is frequently stiff and heavy. It will form a thick turf in a very short time and is most satisfactory for lawns and other spaces receiving considerable hard wear. It is also valuable for use on embankments and terraces, and for renovating old worn-out lawns.

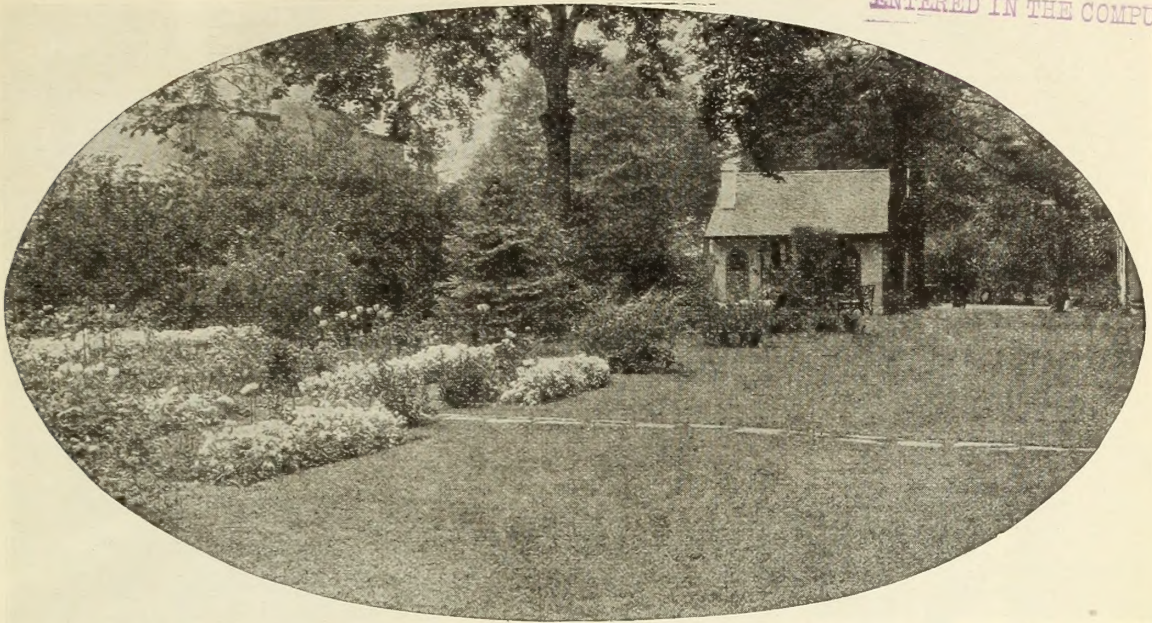
Pt. 15c; qt. 25c; 2 qts. 50c; 4 qts. 95c; peck \$1.80; $\frac{1}{2}$ bu. (10 lbs.) \$3.50; bu. (20 lbs.) \$6.50; 100 lbs. \$30.00 prepaid.

We pride ourselves on the quality of our Lawn Grass Mixtures which we believe serve the best interest of the gardener. None of them contain any cheap annual grasses or short-lived varieties like Timothy which may give temporary results but do not contribute toward the permanency of the lawn or its attractive appearance.

In establishing a new lawn prepare the ground well and enrich it with a complete plant food such as Bovung, Lawn Fertilizer, Fairway Food, Loma, or Vigoro (see page 196). One quart of seed suffices for 200 square feet (10 x 20 feet). Six bushels are required to sow one acre. If renovating old lawns use half these quantities.

Dreer's Reliable LAWN GRASS SEED

REGISTERED IN THE COMPUTER



"Shady Place" Lawn Grass

There are many home gardeners who are confronted with the task of establishing a good rich lawn in positions where there is semi-shade or shade during part of the day. Unless the proper kind of lawn grass mixture is used in such places results seldom warrant the effort. The use of Dreer's Shady Place Lawn Grass insures a rich, verdant lawn of good appearance because the grasses used in this mixture are naturally tolerant to shade. Its composition is such as to blend perfectly with any of the other lawn mixtures we offer. It is, however, of the greatest importance that the shaded lawn is tended carefully by feeding it periodically and watering abundantly during periods of dry weather. A light reseeded every spring or fall helps to maintain its thick texture.

Pt. 30c; qt. 55c; 2 qts. \$1.00; 4 qts. \$1.80; peck \$3.00;
½ bu. \$5.75; bu. (25 lbs.) \$11.00; 100 lbs. \$52.00, prepaid.

"Terrace" Lawn Grass

The ordinary lawn grass mixtures are bound to be somewhat disappointing if planted on terraces or deep slopes because a special mixture of grasses that will hold the soil in position and prevent it from being washed away during heavy storms is needed. The grasses included in this special Terrace mixture have been included for a specific need. Most of them are deep rooting. Others are added to thicken the sod so as to give a heavy, strong mat of a rich green appearance that will overcome the handicap of the inclining position. In sowing it is well to protect the planting with bags or cloth until the young plants are well sprouted. Pt. 25c; qt. 45c; 2 qts. 85c; 4 qts. \$1.50; peck \$2.75; ½ bu. \$5.25; bu. (20 lbs.) \$10.00; 100 lbs. \$48.00, prepaid.

"Southern" Lawn Grass

Heretofore it has always been more or less difficult in tropical or semi-tropical climates to keep the lawn attractive. Much of this difficulty can be overcome by starting with a mixture that contains the right kind of grasses in a properly balanced blend. Dreer's Southern Lawn Grass Mixture has been prepared with the utmost care and will give excellent results if properly watered and fertilized. Bermuda grass is one of the many components of this mixture. Pt. 25c; qt. 45c; 2 qts. 85c; 4 qts. \$1.50; peck \$2.75; ½ bu. \$5.25; bu. (20 lbs.) \$10.00; 100 lbs. \$48.00, prepaid.

"Seashore" Lawn Grass

A rich green lawn is most desirable at the seashore but unless the right mixture of grasses and clover is used the results are likely to be disappointing. Our Seashore grass is composed of deep rooting varieties which quickly produce a rich, thick, green turf of good appearance. As good lawn grass will not thrive in pure sand it is essential that the land is first top dressed with not less than 4 inches of good garden soil. Some gardeners have found that by placing a 2 inch layer of heavy clay below this top layer of good soil they have little trouble of keeping the lawn thoroughly moistened. Occasional top dressings with Bovung are also most beneficial. Pt. 25c; qt. 45c; 2 qts. 85c; 4 qts. \$1.50; peck \$2.75; ½ bu. \$5.25; bu. (20 lbs.) \$10.00; 100 lbs. \$48.00, prepaid.

White Dutch Clover

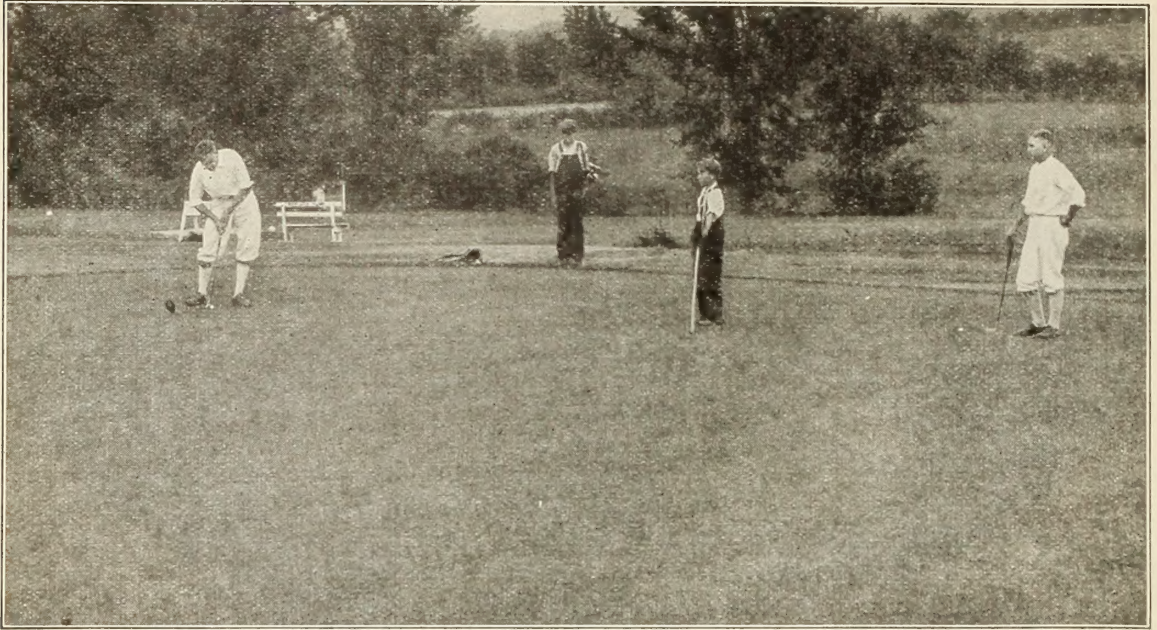
There are many gardeners who prefer to have a heavy stand of White Dutch Clover in their lawn because it helps considerably to thicken the sod and drives out undesirable grasses such as crab grass which is so prevalent throughout the eastern states. Sow from 2 to 6 ounces to each pound of grass seed (200 sq. ft.). Sow the clover separately in order to secure an even distribution. Oz. 10c; ½ lb. 30c; ¼ lb. 45c; lb. 85c; prepaid. Not prepaid, lb. 75c; 5 lbs. \$3.50; 10 lbs. \$6.75; bu. (60 lbs.) \$39.00; 100 lbs. \$63.00.

Special Formulas

We shall be pleased at all times to submit prices of, or to prepare, mixtures for any purpose whatever according to the customers' own formula. A complete list of the finest re-cleaned Grasses will be found on page 101.

For tools of lawn maintenance, like Lawn Mowers, Lawn Trimmers, Lawn Cleaners, Lawn Rakes, Grass Edgers, Lawn Shears, and Lawn Sprinklers, see pages 185, 186, and 188.

All Lawn Grass Mixtures up to 100 lbs. will be sent Prepaid, we reserving the right to ship by Parcel Post, Express, or Freight



Dreer's Putting Green and Golf Links Mixtures are used by many of the principal Golf Clubs of the country.

Dreer's "Golf Links" Grass

Prepared from a special formula established after a most careful study and exhaustive tests made with the object to produce a thick turf that will stand the hard usage suffered by the average Fairway. For the Golf Course, Fairway, Teeing Ground, Football and Polo Fields, and other Athletic Grounds, or for the Lawn which has to withstand hard wear, this mixture will give perfect satisfaction. Contains no white clover. Pt. 20c; qt. 35c; 2 qts. 65c; 4 qts. \$1.25; peck \$2.25; $\frac{1}{2}$ bu. (10 lbs.) \$4.25; bu. (20 lbs.) \$8.00; 100 lbs. \$38.00, prepaid.

"Putting Green" Mixture

The varieties comprising this mixture are all of the fine-bladed, low-growing, and most hardy kinds, including a liberal proportion of Bent Grass. They maintain their rich green color throughout the season. Wherever a billiard table smoothness is necessary, this superfine mixture will give the desired result. It will stand the continuous cutting and intense close trampling of the Putting Green. Pt. 40c; qt. 75c; 2 qts. \$1.40; 4 qts. \$2.40; peck \$4.50; $\frac{1}{2}$ bu. (12 $\frac{1}{2}$ lbs.) \$8.50; bu. (25 lbs.) \$16.50; 100 lbs. \$65.00, prepaid.

A Natural Organic Fertilizer and Soil Improver

BOVUNG

A NATURAL
MANURE

The Ideal Fertilizer for New Lawns and for Restoring the old one

Soils in order to be productive must contain not only the food elements that make the plants grow but they also must represent a congenial rooting medium. Bovung fills the need for a soil improver particularly well as it provides plant food, humus building materials, and teems with beneficial bacteria which play an important part in making the food available for the plants. Contains not less than 75% organic matter.



Bovung is high grade, dried cow manure containing the chemical values of fertilizer combined with the organic and physical values of manure. It offers in a most convenient and practical form all that is needed to make plants grow and thrive. It is as odorless as any manure can be made yet due to a special process of dehydration immediately after it has been taken from the barns it has lost none of its virtue.

In preparing the soil for a new lawn work 50 pounds of Bovung into the top 2 inches of soil for each 100 square feet. To restore old lawns, use 5 pounds to each 100 square feet of surface, or one ton to the acre.

For Flowers, Shrubs, and Vegetables

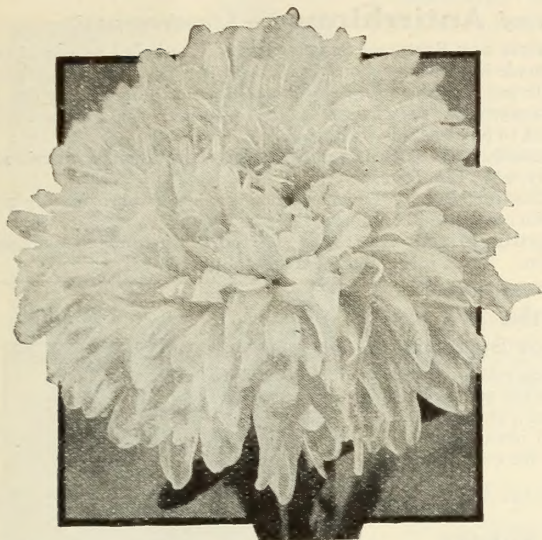
In establishing new beds or treating old ones mix Bovung with the top soil using 50 lbs. to each 100 square feet. When setting new plants thoroughly mix about a pint with the soil in each planting hole.

Do the same with your shrubbery border or when planting new shrubs increasing the quantity of Bovung according to the size of the planting hole. In the vegetable garden apply at the rate of 50 lbs. for 100 square feet. Thoroughly mix with the soil. Use liberally throughout the growing season by hoeing into the soil surface. When potting house plants mix with 3 parts of soil.

Not prepaid, 5 lbs. 35c; 10 lbs. 60c; 25 lbs. \$1.00; 50 lbs. \$1.50;
100 lbs. \$2.75; 500 lbs. \$12.50; 1000 lbs. \$23.50; ton \$42.50.

Novelties and Specialties in Flower Seeds

for 1935



New Giant Peony-Flowered Aster

New Giant Peony-Flowered Asters

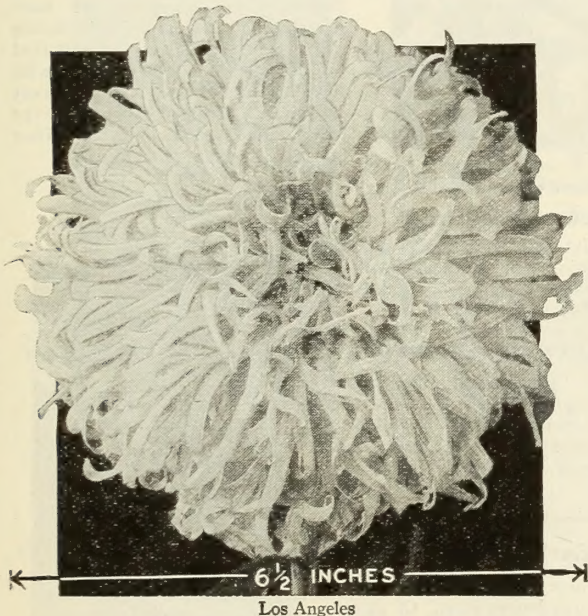
This superb strain of Giant Asters has proved one of the most desirable ever introduced. It has extremely double flowers of truly immense size, measuring 6 inches in diameter. They resemble those of the Beauty type and are borne on stout, non-lateral stems $2\frac{1}{2}$ to 3 feet long. Blooms at the same time as Giants of California.

- | | |
|--|--|
| 1371 Azure Fairy. Clear azure blue..... | } Any of these:
Pkt. 20c;
special pkt. 75c |
| 1374 Maiden's Blush. Delicate flesh..... | |
| 1375 Purple Robe. Rich purple..... | |
| 1376 Rosebud. Clear deep rose..... | |
| 1377 Swansdown. Pure white..... | |

1378 Silvery Rose.....

1379 Collection. One packet each of the above 6 New Peony-Flowered Asters. 80c.

1380 Mixed Colors. Pkt. 15c; special pkt. 60c.



New Super Giant Aster-1473 Los Angeles

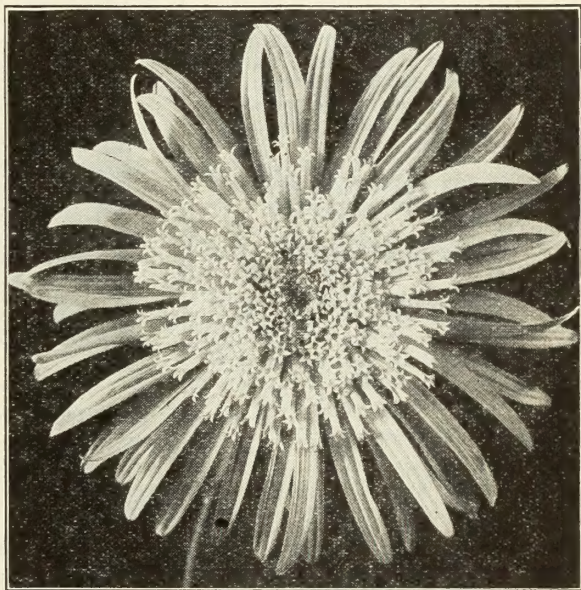
Los Angeles is the first of a new super-giant race of beautiful Asters. The color is pure shell pink. The flowers are full petaled, deep, and unusually large, yet artistically graceful in the feathery effect of the interlacing petals. Of magnificent tall growth. Pkt. 25c; special pkt. 75c.

Dreer's Six Famous American Asters ^(A)

The following six sorts embrace several distinct types and colors, which we feel sure will, on account of their free growth, profuse flowering, large size, and general excellence, give entire satisfaction to the most critical growers of this popular flower.

- 1273 **Purple Beauty.** Very large double flowers of a rich glittering purple. Pkt. 15c; special pkt. 60c.
- 1281 **Crego's Giant White.** Immense, long stemmed, fluffy, white flowers. Pkt. 15c; special pkt. 60c.
- 1295 **California Giant, Rich Rose.** Beautifully curled and interlaced flower petals. Blooms 5 inches across. Pkt. 20c; special pkt. 75c.
- 1393 **Dreer's Peerless Pink.** The finest shell pink late Branching Aster. Pkt. 15c; special pkt. 60c.
- 1442 **Sensation.** The reddest of all Red Asters, the color being a rich garnet or ox-blood red. Pkt. 15c; special pkt. 60c.
- 1451 **Late Branching, Azure Blue.** A wonderful rich deep lavender or azure blue color. Pkt. 10c; special pkt. 60c.

1338 **Collection** of one packet each of the above Six Famous Asters for 60c.



Aster, Giant California Sunshine

Giant California Sunshine Aster

A glorious new type of Asters growing 3 feet high and carrying large, showy blossoms on elegant long stems. The color combinations in this new Aster are particularly beautiful as most of them have a dual tone effect created by the cushion-like center being of a different color than the large, gracefully curved outer ray petals. Splendid for garden display and for cutting.

- 1443 **Appleblossom.** Delicate flesh. 1446 **Lavender.**
- 1444 **Deep Rose.** 1447 **Light Blue.**
- 1445 **Enchantress.** Salmon-pink. 1448 **Purple.**
- Any of the above: Pkt. 35c; special pkt. \$1.50.
- 1449 **Collection.** One packet each of the six \$1.50.
- 1450 **Sunshine Mixed.** Pkt. 20c; special pkt. 75c.



Annual Canterbury Bell

**New Annual
Canterbury Bells [Ⓐ]
Campanula**

After many years of careful selection the introducer has secured an Annual Canterbury Bell which blooms from seed in less than six months. It should now be possible to have this beautiful flower in bloom at almost any time of the year. The plant grows from two to two and a half feet tall, each plant having from six to eight spikes of bloom.

1715 Angelus Bell. A beautiful and intriguing shade of deep rose.

1716 Blue Bell. Large blooms of a beautiful clear Cambridge blue.

1717 Liberty Bell. A lovely shade of intense violet.

1718 Mission Bell. Soft clear pink of great charm and appeal.

Any of the above:

Pkt. 25c; special pkt. 75c.

1719 Collection. One packet each of the above 4 colors 75c.

1742 Mixed. This contains shades of blue, pink, and white. Pkt. 15c; special pkt. 60c.

Celosia [Ⓐ]

1862 Flame of Fire

This is a beautiful new Celosia belonging to the pyramidalis type. It blooms profusely from August until frost giving a magnificent display in beds, borders, and it is equally suited for growing in pots. The plants grow 18 to 20 inches high. They are of perfect pyramidal form. Each one of the many branches carries at its top a showy, good sized comb of an intense flame red color. Pkt. 25c; 5 pkts. \$1.00.

New Rustproof Antirrhinum—Snapdragons [Ⓐ]

The introduction of these new Rustproof Snapdragons will be hailed as one of the greatest advances ever made in plant selection. With them it is possible to grow first-class Snapdragons even in sections where formerly it was practically impossible due to the prevalence of the rust organism. They have stood the severest kinds of tests and 75% of the plants have proved to be absolutely rustproof.

1127 Maximum, Crimson. Huge blooms on massive stems 3 feet high. Pure crimson on a brilliant orange ground. Pkt. 50c; special pkt. \$1.50.

1128 Nanum grandiflorum, Pearl. Lovely glistening white flowers of truly majestic size. Grows 18 inches high. Pkt. 50c; special pkt. \$1.50.

1130 Majus grandiflorum, Mixed. An excellent mixture of Rustproof Snapdragons in a wide range of colors. 2 feet high. Pkt. 35c; special pkt. \$1.25.

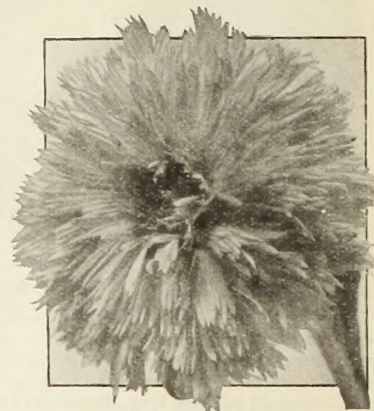
Calendula [Ⓐ]

1675 Chrysanthra or Sunshine

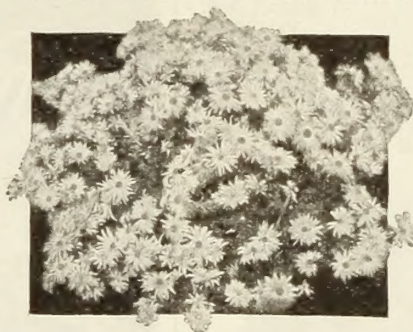
Large, clear buttercup yellow, Chrysanthemum-like flowers with wide, drooping petals that give them a globular form. Graceful, long stemmed blooms valuable for garden display and for cutting. Pkt. 15c; $\frac{1}{4}$ oz. 75c.

1677 Orange Shaggy

A most distinct new Calendula with long, deeply fringed and laciniated petals arranged row after row giving the pleasing shaggy appearance of a Chrysanthemum to this flower. The color is an intense, burning orange shading to lighter orange in the center of the blooms. Has splendid long stems and grows 18 inches high. Pkt. 25c; special pkt. 75c.



New Calendula, Orange Shaggy



Chrysanthemums, Korean Hybrids

1943 Riverton Seedlings

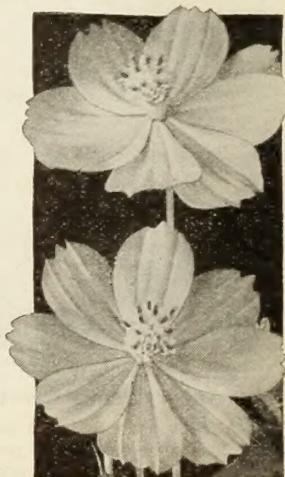
What a glorious mixture of single, semi-double, and double fall-flowering Chrysanthemums in a range of colors that defies description. Of bushy, compact habit. Pkt. 50c; special pkt. \$1.00.

1940 Double Anemone-Flowered

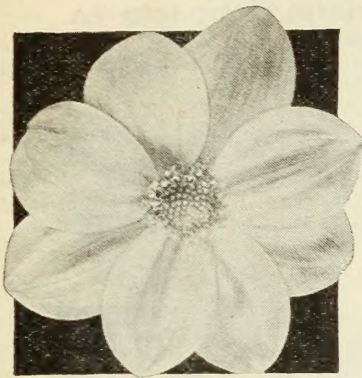
Beautifully quilled "Japonicum" Chrysanthemums with flowers measuring 2 to 3 inches across. The colors are exceptionally bright and vivid with golden bronze, red, and pink shades predominating. Many doubles and showy bright singles. Pkt. 50c; special pkt. \$1.50.

Cosmos—2102 Early Orange Flare [Ⓐ]

A real glowing orange Cosmos which can be depended upon to bloom before frost. Of exceptional beauty for garden display and for cutting. In full bloom in less than 5 months after sowing. Showy plants 4 feet tall covered with brilliant flowers that will bring special charm to your fall garden. Orange Flare has been thoroughly tested and it has been acclaimed one of the finest new flowers ever introduced. Pkt. 25c; special pkt. 75c.



New Cosmos, Early Orange Flare

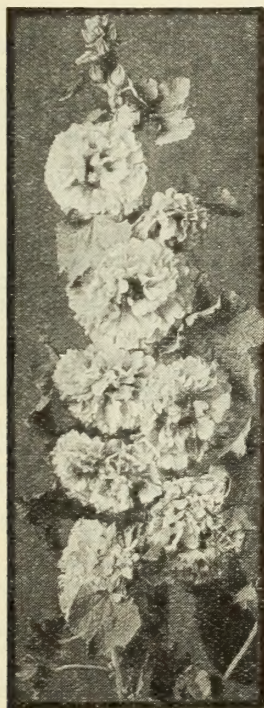


Dahlia, Coltness Hybrid

Dwarf Single Dahlia TP

2177 Coltness Hybrids

Gardeners now can grow Dahlias from seed as easily and as quickly as Zinnias by planting this splendid strain which will bloom within 4 months after planting. Of attractive, compact growth. Fine for bedding bearing many beautifully colored single flowers which are also good for cutting. Pkt. 20c; special pkt. 60c.



Hollyhock, Triumph

New Double Hollyhocks HP

2789 Orange Prince. Strikingly beautiful double flowers of a brilliant shade of orange. A really marvelous novelty. Pkt. 15c; special pkt. 60c; $\frac{1}{4}$ oz. \$1.00.

2810 Triumph. Sturdy plants, 4 to 5 feet high, flowering 10 days earlier than others. Pretty, waved, fringed, double flowers in many colors. Pkt. 15c; special pkt. 60c.

New Hardy Gaillardias HP

2504 Burgundy. A unique variety with glistening wine red flowers carried on elegant long stems. Of strong growth and free flowering. Grows 2 $\frac{1}{2}$ feet high. Blooms during the summer. Pkt. 25c; special pkt. 75c.

2508 Tangerine. Large, tangerine-orange colored blooms borne freely during the summer on showy compact plants. Pkt. 20c; $\frac{1}{4}$ oz. 75c.

Ipomoea—Moonflower A

2857 Heavenly Blue, Improved Early. A magnificent new early-flowering Moonflower of a deep sky blue color with lighter throat. The flowers measure 4 inches and over in diameter. Pkt. 20c; $\frac{1}{4}$ oz. 75c.

Larkspur A

Stock-Flowered—2928 Rosamond

A Gold Medal variety of a pleasing, permanent bright rose color. Blooms 2 weeks before others and is splendid for garden display and for cutting. Very large blooms. Grows 4 feet high. Pkt. 25c; special pkt. 60c; $\frac{1}{4}$ oz. \$1.00.

Giant Imperial—2951 Blue Bell

A lovely medium blue Larkspur of the Giant Imperial type. Forms sturdy, upright plants with long basal branches which makes the spikes exceptionally valuable for cutting. A magnificent acquisition. Pkt. 25c; special pkt. 50c; $\frac{1}{4}$ oz. 75c.

Lupinus A

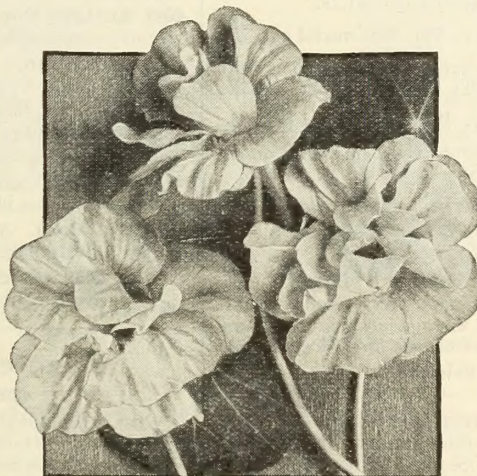
New Hartwegi Giants

A new and greatly improved strain of annual Lupinus growing 3 to 4 feet high. Base branching, with 4 to 6 spikes to a plant.

3035 King Blue. Rich Oxford blue. Pkt. 20c; special pkt. 50c.

3038 King White. Sweet-scented white. Pkt. 20c; special pkt. 50c.

3040 King Mixed. Contains many colors. Pkt. 15c; special pkt. 40c.



Nasturtium, Glorious Gleam Hybrids

Marigold A

3078 Guinea Gold

No garden is complete without this magnificent Marigold. Forms splendid pyramidal plants, 2 to 2 $\frac{1}{2}$ feet high, covered with practically double flowers 2 to 2 $\frac{1}{2}$ inches across. The broad, waved petals are brilliant orange flushed with gold. Blooms continuously from midsummer until frost and is splendid for garden display and for cutting. The faint Marigold odor is rather pleasing. Pkt. 15c; special pkt. 50c; $\frac{1}{4}$ oz. 75c.



Mesembryanthemum crinifolium

Mesembryanthemum A A

3139 Crinifolium Livingstone Daisy

A beautiful annual easy to grow in any sunny, well drained soil. The spreading plants are covered with large, daisy-like flowers coming in a wonderful range of brilliant and varied colors. Ideal for beds, borders, and a real gem for the rock garden. Pkt. 25c; special pkt. 75c.

New Double Sweet Scented Nasturtiums A A

3285 Golden Gleam

Lovely, large, double blooms of an indescribably rich and brilliant gleaming gold color. They are delightfully sweet scented. Neat bushy plants with short runners. Splendid for beds, borders, and superb for cutting. Pkt. 10c; $\frac{1}{2}$ oz. 25c; oz. 40c; $\frac{1}{4}$ lb. \$1.25.

3277 Scarlet Gleam

Magnificent double blooms of an intensely dazzling rich scarlet color. A splendid counterpart to Golden Gleam and equally as effective in the garden or as a cut flower. Pkt. 25c; 5 pkts. \$1.00.

3280 Glorious Gleam Hybrids

Glorious, large, well formed, double, sweet scented flowers of the same lovely form as Golden Gleam but representing a medley of colors that is a real delight. Includes salmon, golden yellow, orange-scarlet, cerise, cream, yellow, orange, maroon, crimson, and many flowers spotted with a contrasting deep shade. Comes practically 100% double. Pkt. 25c; $\frac{1}{4}$ oz. 60c; oz. \$2.00.

Giant Double Petunias ^(A)



Dreer's Superb Double Fringed

3590 Dreer's Superb Double Fringed

We have been growing and perfecting this strain for many years and claim without any hesitancy that it is the finest in the world. The plants are of compact, erect habit and produce a large percentage of double flowers. It has the largest and deepest fringed flowers of any strain we have ever seen. The color range is magnificent. Pkt. 50c; 500 seeds \$1.25.

3593 Double Fringed, Rose-Pink and White. Double, fringed, bright rose-pink flowers with a large white frill—more beautiful than words could ever describe them. Many of the flowers are 5 to 6 inches in diameter. Pkt. 50c; 500 seeds \$2.00.

3594 Double Fringed, Rose Queen. A glorious shade of bright rose-pink combined with lovely fringed flowers measuring 5 to 6 inches in diameter. It comes quite true from seed. Pkt. 50c; 500 seeds \$2.00.

3592 Dwarf Alldouble, Victorious Mixture ^(A)

A wonderful new Petunia producing 100% double-flowered plants. Of dwarf, compact habit and covered with fully double blooms in many brilliant and fancy colorings. The plants seldom grow more than 10 inches high which makes them suitable for beds, borders, and pots. Pkt. 75c; 500 seeds \$2.25.

Giant Fringed Single Petunias ^(A)

3579 Brilliant Rose. Lovely, large, fringed, brilliant rose flowers with a white throat. Pkt. 25c; special pkt. 75c.

3581 Romany Lass. Bright velvety deep red with purple throat, striped black. Pkt. 35c; special pkt. \$1.25.

3582 Scarlet Beauty. Very showy. Pkt. 25c; special pkt. 75c.

3583 Theodosia. Magnificent, large, rose-pink blooms with golden center minutely striped. Pkt. 35c; special pkt. \$1.25.

3584 White Beauty. Very lovely. Pkt. 25c; special pkt. 75c.

3588 Violaacea (Violet King). Velvety violet-blue with an exquisitely fringed edge. Pkt. 50c; special pkt. \$1.25.

3585 Collection of Six Fringed Petunias

One pkt. each of the above six \$1.50.

3580 Dreer's Superb Single Fringed

Our own special selection of compact, erect growing plants covered with lovely flowers of largest size and most beautiful form. Deep throated, magnificently fringed blooms in a wide and rare choice of colors. Pkt. 25c; special pkt. 75c.

3573 Dwarf California Giants

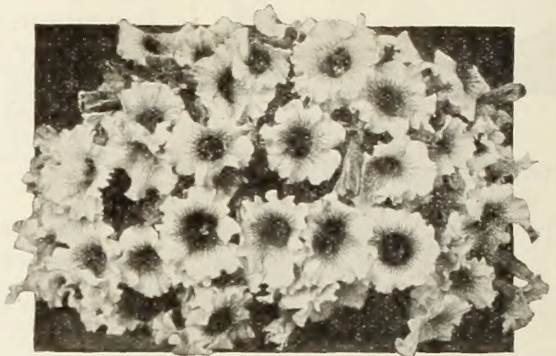
A new dwarf strain of the well-known California Giants. Large and beautifully curled flowers with open, well marked, and veined throats. Makes an exquisite pot plant. Also splendid for bedding. Pkt. 50c; special pkt. \$1.50.

Petunia nana compacta ^(A) ^(Δ)

A new strain of Petunias with lovely, dwarf plants that form a compact ball and are therefore splendid for beds, borders, pot culture, and the rock garden.

3544 Pink Gem. The plants grow only 5 to 6 inches high. They are literally smothered with deep pink blooms measuring 2 inches in diameter. Pkt. 25c; special pkt. 75c.

3548 Nana compacta, Mixed. This grows 8 to 10 inches high and 12 inches in diameter. It includes a well balanced range of fine bright colors. Pkt. 25c; special pkt. 75c.



Petunia, Ruffled Martha Washington

3553 Ruffled Martha Washington

A gracefully frilled and ruffled type of the dwarf, compact Petunias. Grows 9 inches high forming a perfect ball literally smothered with lovely frilled blooms about 3 inches in diameter. Flesh pink fringe with wine red veins leading into the deep dark violet throat. Makes a striking picture. Seed is scarce. Pkt. 50c.

Salvia—3936 Dreer's America ^(A)

Bushy plants not over 15 inches high covered from midsummer until frost with showy, brilliant scarlet flower spikes held well above the foliage. Very uniform as to height, color, and free flowering habit. The finest for beds, borders, and mixed plantings. Pkt. 25c; special pkt. 75c; $\frac{1}{4}$ oz. \$1.50.

Early Giant Imperial Stocks ^(A)

A new strain of early flowering Winter or Brompton Stocks forming much-branched plants about 2½ feet high carrying numerous spikes closely set with very large, double, fragrant blooms. Sow in February or March for flowers from midsummer until frost.

4041 Antique Copper. An entirely new and most attractive shade—rich hellebore red. Pkt. 20c; special pkt. 75c.

4053 Buttercup. A richer and deeper tone of yellow than Golden Ball. Produces long spikes well covered with extra large flowers. Pkt. 25c; special pkt. 75c.

4061 Elk's Pride. A fine clear shade of rich royal purple—a most appealing color. Pkt. 20c; special pkt. 75c.

4054 Shasta. Vigorous, robust plants covered with large, glistening white double blooms. Pkt. 25c; special pkt. 75c.

4042 Old Rose. A very beautiful and desirable shade of old rose. Of extra large size. Pkt. 20c; special pkt. 75c.

4058 Collection. One packet each of the five New Early Giant Imperial Stocks for 85c.

Tagetes signata pumila—

4302 Little Giant ^(A) ^(Δ)

What a charming little plant, only 4 to 6 inches high with a spread of 8 to 10 inches, and covered with a mass of single, small golden orange flowers which completely hide the graceful fern-like foliage. Indispensable in beds, borders, and the rock garden. Pkt. 20c.



Sweet William, Dwarf Alpine

Sweet William—

4300 Dwarf Alpine Mixed Ⓐ△

This New Dwarf Alpine Sweet William is surely a most charming little plant that will appeal to gardeners wherever they wish to secure a colorful dwarf border or a splendid free-flowering compact plant for the rock garden. The plants grow about 6 inches high and make a compact spread of a foot or so. When in full bloom hardly any of the rich green foliage is visible. The color range is magnificent. There are lots of splendid self colors and many eyed, edged, and crowned color combinations. Pkt. 25c; special pkt. \$1.50.

Tithonia speciosa—

4313 Early Flowering Ⓐ

Mexican Sunflower, Golden Flower of the Incas



Tithonia speciosa, Early Flowering

Large, brilliant orange-vermilion blooms resembling a single African Marigold with the foliage and habit of growth like Dahlias. This new variety is exceptionally valuable because it will bloom 10 days earlier than the type which will permit growing it even where seasons are only moderately long. Splendid for the background and unexcelled for cutting. 5 feet tall blooming in late fall. Pkt. 20c; special pkt. 60c.

Ursinia Ⓐ△

Jewel of the Veldt

4337 Anethoides. Lovely daisy-like flowers on long wiry stems. Has rich orange-yellow ray petals with a crown of deep purple spotted jet black. Blooms all summer and fall. 10 inches. Pkt. 25c; special pkt. 60c.



Ursinia anethoides

Venidium—Monarch of the Veldt Ⓐ△

4343 Fastuosum. A magnificent fall-flowering annual from South Africa. Has large daisy-like orange colored flowers marked with black at the base of each petal. Attractive, wooly, grayish green foliage. Sow seed in March or April as germination is uncertain if started earlier. Pkt. 25c; special pkt. 75c.

Viola cornuta—4392 Arkwright Ruby HP△●

A beautiful new large-flowered Viola with bright rosy crimson blooms with terra-cotta shadings. A valuable addition to the garden. It has the added attraction of being very fragrant. Pkt. 35c; special pkt. 75c.

New Giant-Flowering Verbenas Ⓐ△

- 4362 Etna.** Very large flowers of an intense Geranium red with a small white eye in the center. Pkt. 15c; special pkt. 50c.
- 4352 Cerise Queen.** An appealing, beautiful, and very lovely shade of soft salmon-cerise. Pkt. 25c; special pkt. 75c.
- 4353 Beauty of Oxford Hybrids.** Large, well rounded flowers in shades varying from clear rose-pink to rose-red. Exceptionally bright and very free blooming. Pkt. 25c; special pkt. 75c.
- 4358 Lavender Glory.** This is a true lavender with medium-sized flowers having a creamy white eye. It is sweetly fragrant. Pkt. 25c; special pkt. 75c.
- 4363 Spectrum Red.** Intense bright red without any eye. It is exceptionally brilliant. Pkt. 25c; special pkt. 75c.
- 4369 Collection.** One packet each of the above five New Giant Flowering Verbenas 85c.

New Zinnias Ⓐ



Zinnia, Chrysanthemum-Flowered Fantasy

4500 Chrysanthemum-Flowered, Fantasy Mixed

A novelty of surprising charm with splendid large blooms that will give a fine display in the garden and make a lovely bouquet. The flowers are well rounded. They are composed of a mass of shaggy ray-like petals which give it unusual charm. The color range is most varied and beautiful including all the typical Zinnia shades. Pkt. 25c; special pkt. 75c.



Zinnia, Scabiosa-Flowered

4540 Scabiosa-Flowered Mixed

Here is another unusual departure from the type as the flowers indeed resemble a Scabiosa more than the old-fashioned Zinnia. They have a typical cushion composed of small flower petals in the center surrounded by longer and broader petals on the outside. The color range is most interesting and complete. The plants grow 24 to 30 inches tall and bloom profusely throughout the season. Pkt. 25c; special pkt. 75c.

Complete List of Dreer's Reliable Flower Seeds

Really fine flowers can be grown only from seed that has been selected from the very choicest true-to-name parent plants, and the world-wide reputation of Dreer's Flower Seeds is founded upon the infinite care taken to secure the finest strains available in the world. Our strains of Asters, Carnations, Petunias, Verbenas, Zinnias, etc., are widely known for their excellence. No time nor expense is spared to provide for your garden the best in flower seeds, and you will find that the Dreer packets contain a liberal quantity of seeds.

Collections of Flower Seeds

These are made up of the popular easy-to-grow sorts which have proved to do well under the conditions found in the average garden. Each collection includes our leaflet "How to grow Flowers from Seed."

3549 Twelve "Old-Fashioned" Hardy Perennials

You will find all the old favorites in this splendid collection: *Agrostemma*, *Aquilegia*, *Campanula*, *Coreopsis*, *Delphinium*, *Dianthus*, *Digitalis*, *Lychnis*, *Papaver*, *Shasta Daisy*, *Sweet Rocket*, and *Sweet William*. They will keep a garden gay during many months of the year.

12 packets for..... **\$1.00**

3550 Twelve "Extra Choice" Hardy Perennials

There are many gardeners who are particularly interested in the newer and choicer perennials. This assortment includes just this kind, such as *Long-Spurred Columbine*, *De Luxe Hybrid Delphinium*, new *Hybrid Lupinus*, *Hybrid Oriental Poppy*, etc. There are 12 packets for.....

\$1.50

1129 Dreer's Dozen Best Annuals

This high-grade collection will turn any garden into a bower of colorful flowers, lasting from early summer until late in the fall. 12 packets for.....

\$1.00

1133 Twelve Annuals for Cutting

You can cut armfuls of flowers from this splendid collection of easy to grow cut flowers. 12 packets of the very finest for....

\$1.00

2469 Eight Strawflowers or Everlastings

These grand annuals have become very popular and we urge every gardener to include this collection which contains 8 of the finest varieties for winter bouquets. 8 packets for.....

50c

3551 Twelve Hardy Perennial Flower Seeds for the Rock Garden

Nothing adds to the rock garden as much as a wide variety of flowers which are strictly suited for this purpose. This collection contains twelve of the most desirable: *Alyssum saxatile compactum*, *Arabis alpina*, *Aubrietia Mixed*, *Campanula carpatica Blue*, *Cerastium tomentosum*, *Delphinium Blue Butterfly*, *Dianthus caesius*, *Helianthemum mutabile*, *Gypsophila repens*, *Aquilegia canadensis*, *Saponaria ocymoides*, and *Tunica saxifraga*. These will provide color for many months. One packet each sent postpaid for.....

\$1.00

3890 Twelve Choice Annuals for the Rock Garden

The beauty of the rock garden may be enhanced considerably if besides the showy perennial flowers, annuals are called upon to add to the color scheme and extend the blooming season. This collection contains the best for this purpose, namely: *Anagallis grandiflora*, *Cheiranthus Allioni*, *Ice Plant*, *Gypsophila muralis*, *Ionopsidium acaule*, *Leptosiphon French Hybrids*, *Mesembryanthemum tricolor*, *Linaria maroccana Hybrids*, *Portulaca Single Mixed*, *Tagetes signata pumila*, *Verbena erinoides*, and *Sanvitalia procumbens*. One packet each of these twelve postpaid for.....

\$1.00

Explanation of Symbols used in Dreer's Garden Book

Ⓐ=**Annual**. Annual flowers complete their life circle within one growing season. Planted in the spring they bloom during the spring, summer, or fall and perish with frost.

Ⓑ=**Biennial**. These require two years to bloom. Seed sown during one season will produce flowering plants the second year. Occasionally they live longer than two years.

ⒽⒽ⒫=**Half-Hardy Perennial**. These cannot stand much frost but may be kept alive by bringing indoors, placing in the cold frame, or covering securely during the winter.

Ⓗ⒫=**Hardy Perennial**. These are hardy plants able to withstand considerable frost provided the soil is well drained. Some are helped by covering with straw, etc., during the winter.

Ⓙ⒫=**Tender Perennial**. Tender perennials may be kept growing throughout the year in the house or greenhouse. In frost free sections they may be left out doors.

△=**Suited to Rock Garden**. Most plants suited to rock gardens are also desirable for dwarf beds and borders. The smaller the rock garden the smaller the plants should be.

⊙=**Suited to Semi-Shade**. Most plants suited for semi-shade also do well in a sunny exposure. Semi-shade means some sun for part of the day or a location where the plants receive ample indirect light from above.

●=**Suited to Shade**. Few plants do in dense shade but those marked in this way will be found quite satisfactory. There are no annuals which will bloom in deep shade.

* Seeds marked with a * often are sown in late fall outdoors to germinate the following spring. Spring germination is quickest if they are placed in water and set in the freezing chamber of an electric refrigerator for a period of 2 to 3 weeks before they are sown.

Abutilon—Flowering Maple TF

- 1010 Fine Mixed.** A very interesting plant considered indispensable for flowering indoors during the winter and spring months, and useful for bedding out in the summer. The large bell-shaped blooms come in shades of yellow, salmon, scarlet, and crimson. The maple-like leaves often show a beautiful variegation of yellow and green. Succeeds best in a rich sandy soil. Sown indoors any time before April, they will produce plants that will flower the first season; 3 feet. Mixed colors. Pkt. 25c; special pkt. 75c.



Achillea ptarmica, The Pearl

Achillea—Milfoil, Yarrow HP ●

- 1021 Ptarmica "The Pearl."** One of the best hardy white perennials. Grows about 2 feet high and is covered with heads of purest white double flowers from June until frost. Easily grown from seed, flowering the first season if sown early. Pkt. 15c; special pkt. 75c.

* **Aconitum—Monk's Hood, Helmet Flower** HP ●

- 1031 Napellus.** A hardy perennial, growing in any good garden soil. Has long spikes of blue as well as white flowers. Well adapted for planting among shrubbery or in shady corners; seed is of slow germination; 3 to 5 feet high. Pkt. 15c; special pkt. 50c.
- 1033 Wilsoni.** A favorite variety highly valued because it blooms in late fall when few other blue flowers are available. The color of the large, tubular blooms is a rich violet-blue. Of sturdy growth 5 to 6 feet tall. Pkt. 15c; special pkt. 50c.

Acroclinium A

- 1040 Double Mixed.** A pretty annual "Everlasting," growing about 15 inches high and bearing lovely white as well as rosy pink flowers. If cut in the bud they can be dried and used in winter bouquets. A nice thing to grow in a mixed border aside from its use as an everlasting. Pkt. 10c; $\frac{1}{2}$ oz. 25c.

Adlumia B ●**Mountain Fringe, Allegheny Vine**

- 1051 Cirrhosa.** A graceful, hardy biennial climber, but as it resows itself year after year, it might be considered perennial. The feathery foliage closely resembles that of the Maiden-hair Fern. The tube-shaped, flesh-colored flowers are somewhat like the Bleeding Heart. They completely cover the plant. For covering trellises, stumps of trees, etc., it is very desirable. Flowers the first year from seed. Pkt. 10c; special pkt. 50c.

Agathea—Blue Daisy TF △

- 1064 Coelestis (Felicja amelloides).** Beautiful sky blue, Daisy-like flowers $1\frac{1}{2}$ inches in diameter. Blooms profusely during the summer and fall. Excellent for beds, borders, and rock gardens; also potted for winter blooming. 18 inches. Pkt. 10c; special pkt. 40c.

Ageratum—Floss Flower A ●

One of the best bedding plants, being literally a sheet of bloom from early summer until frost. Unlike many bedding plants, the flowers are not liable to be spoiled by rain, nor do the colors fade out. The various blue varieties are without doubt the most satisfactory bedding plants of this color for our trying climate. Easily raised from seed which may be started in a hotbed or window and transferred to the open ground in May. Can also be sown outdoors in May. A sowing in September will give plants to bloom indoors all winter.

- 1071 Blue Perfection.** This is the darkest colored of all large flowering Ageratums. Color deep amethyst blue; compact growth; fine bedder; 9 inches. Pkt. 10c; $\frac{1}{4}$ oz. 30c.
- 1072 Blue Ball.** △ The compact, ball-shaped plants grow 6 inches high, bearing over a long season large flossy flowers of a deep Ageratum blue. Makes a wonderful blue line or border because of its uniformity. Pkt. 15c; $\frac{1}{4}$ oz. 50c.
- 1073 Cope's Pet.** The best light blue variety for edging. Charming, compact plants; 9 inches. Pkt. 10c; $\frac{1}{4}$ oz. 30c.
- 1075 Imperial Dwarf White.** 8 inches. Pkt. 10c; $\frac{1}{4}$ oz. 30c.
- 1076 Little Blue Star.** △ A variety of exceedingly dwarf and even growth. The tiny bushes are not over 4 to 5 inches high. They are densely covered with bright blue flowers. A fine variety for edging. Pkt. 15c; $\frac{1}{8}$ oz. 50c.
- 1078 Princess.** A beautiful variety of compact, even growth, rarely exceeding 8 inches in height. The flowers are sky blue with white center. Pkt. 10c; $\frac{1}{4}$ oz. 30c.

1079 Collection. One packet each of above 6 sorts, 50c.



Ageratum, Blue Cap

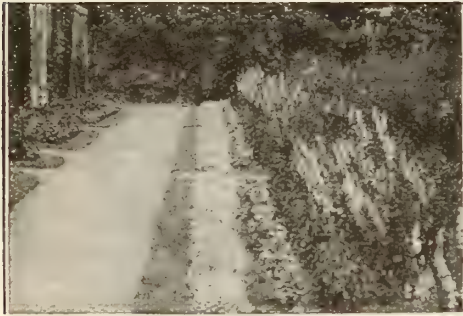
- 1070 Blue Cap.** △ This is without question the best dwarf Ageratum yet offered. Forms neat little plants which have the appearance of miniature domes. They are clothed in attractive, small, rich green foliage. From midsummer until frost this foliage is completely hidden by lovely blue flowers which are deeper and richer than those of Little Blue Star. Splendid for pot culture and for edging beds or borders. Pkt. 20c; special pkt. 60c.

Agrostemma HP**Rose of Heaven, Mullein Pink**

- 1090 Coronaria.** An attractive free-flowering hardy perennial of easy culture, producing glowing crimson flowers like a single Pink, and silvery white foliage. Blooms the first season; fine for cutting. 2 feet. Pkt. 10c; $\frac{1}{4}$ oz. 25c.
- 1091 — alba.** A pure white variety. Pkt. 10c; $\frac{1}{4}$ oz. 25c.

Success with Flower Seeds

depends upon maintenance of conditions that favor the sprouting of the seeds. Yet there are remarkable differences in the time required for sprouting due entirely to natural tendencies. Seeds of some species will start within a few days whereas others may require a month or longer to show any sign of life. For those which are notably slow to germinate we state this fact in their respective descriptions.



Alyssum, Little Gem as an edging

Alyssum ^(A) & ^(HP) ^(Δ) Sweet Alyssum or Madwort

The annual varieties are pretty little plants for beds, vases, baskets, edging, or rockwork, blooming profusely all summer; useful also for winter flowering. The two hardy perennial varieties are excellent for the rock garden or dwarf borders.

- 1101 Little Gem or Carpet of Snow ^(A).** Of dwarf, compact habit, but 4 inches high. It begins to bloom when quite small and the plants are a solid mass of white from spring to late autumn. It is the best white-flowering edging plant in the list. Pkt. 10c; $\frac{1}{4}$ oz. 30c; oz. \$1.00.
- 1100 Lilac Queen Improved ^(A).** A very pretty, deep lavender-lilac. Of dwarf compact habit; 6 inches high. Pkt. 10c; $\frac{1}{4}$ oz. 30c; oz. \$1.00.
- 1102 Sweet Alyssum (*A. maritimum*) ^(A).** Of trailing habit, covered with white flowers all season long. 9 inches. Pkt. 10c; $\frac{1}{4}$ oz. 25c; oz. 40c.
- 1103 Tom Thumb (*Benthami compactum*) ^(A).** Of dwarf, compact growth; excellent for edging; white flowers; 6 inches. Pkt. 10c; $\frac{1}{4}$ oz. 25c.
- 1104 Saxatile compactum (*Basket of Gold, Gold Tuft, Rockmadwort*) ^(HP).** Showy bright yellow flowers which cover the plant in June and July so that little of the foliage is visible. Perfectly hardy. Excellent for rockwork and edge of border. 1 foot. Pkt. 10c; $\frac{1}{4}$ oz. 40c.
- 1106 Rostratum ^(HP).** Dense heads of bright golden flowers in June and July. Hardy; 20 inches. Pkt. 15c; special pkt. 75c.

Amaranthus—Amaranth ^(A)

Annuals with brilliant foliage thriving best in a hot, sunny location and a soil that is not too rich. 3 to 5 feet high.

- 1113 Sunrise.** Bronzy crimson foliage terminated by a large tuft of bright scarlet-carmine leaves. Very effective in any border or bed. Pkt. 15c; special pkt. 50c.
- 1115 Tricolor splendens (*Joseph's Coat*). ^(A)** An improvement on the old sort with more brilliant coloring. Pkt. 10c; $\frac{1}{4}$ oz. 25c.

Ammobium—Winged Everlasting ^(A)

- 1121 Alatum grandiflorum.** A pretty annual everlasting. Flowers silvery white with yellow disc. Grows best in light soil. 18 inches. Easily dried for winter bouquets. Pkt. 10c; $\frac{1}{4}$ oz. 25c.

*Ampelopsis—Boston or Japanese Ivy ^(HP) ^(●)

- 1131 Veitchi.** A hardy perennial climber with olive green leaves which turn to scarlet in the autumn. The best and most popular climber for covering brick or stone walls. Pkt. 10c; $\frac{1}{4}$ oz. 30c; oz. 50c.

Anagallis—Pimpernel, Poor Man's Weather Glass ^(A) ^(Δ)

- 1125 Grandiflora.** A very pretty annual of low, spreading growth, 6 to 9 inches high. Covered during the summer and fall with showy and brilliant flowers in an unusual range of colors including blue, orange, scarlet, etc. Pkt. 10c; $\frac{1}{4}$ oz. 25c.

Anchusa ^(A) & ^(HP) ^(●) Alkanet, Sea Bugloss

1136 Capensis, Blue Bird

(*Cape Forget-me-not*) ^(A).

A fine, free growing annual variety about 15 inches high with sprays of lovely Forget-me-not like flowers of a vivid indigo blue. Plants are compact and of even habit. Very showy. Pkt. 10c; $\frac{1}{4}$ oz. 25c.

1138 Italica Dropmore Variety ^(HP).

One of the best hardy perennials. Grows 3 to 5 feet high, and bears in abundance flowers of the richest gentian blue during May and June. Pkt. 10c; $\frac{1}{4}$ oz. 25c.



Anchusa capensis, Blue Bird

- 1139 Italica Lissadell ^(HP).** An improved form of the Dropmore variety of strong vigorous growth, growing about 5 feet high with sprays of extra-large, clear gentian blue flowers. Pkt. 15c; $\frac{1}{4}$ oz. 40c.
- 1141 Myosotidiflora ^(HP) ^(Δ) ^(●).** A distinct dwarf hardy species, growing but 10 to 12 inches high, producing during April and May sprays of beautiful Forget-me-not like flowers of a rich blue. An excellent plant for the rock garden. Pkt. 25c; special pkt. 75c.

Anemone—Windflower ^(HP) ^(●)

A very pleasing perennial producing large flowers. Sow outdoors in spring, keeping shaded till the plants appear. Bloom in June; 18 inches. Protect well during the winter as they are not entirely hardy.

- 1140 Coronaria, Mixed Colors (*Poppy Anemone*). ^(A)** This contains a wide variety of rich colors. Pkt. 10c; special pkt. 30c.
- 1142 St. Brigid.** A beautiful selection of the above. It comprises semi-double and double flowers in a wonderful array of colors. Pkt. 15c; special pkt. 50c.

Anthemis—Golden Marguerite ^(HP)

- 1150 Kelwayi.** A most satisfactory hardy perennial bearing all summer long daisy-like golden yellow blossoms; excellent for cutting; 2 feet. Pkt. 10c; special pkt. 25c.
- 1149 Perry's Variety.** A wonderful improvement, producing its large, well-shaped, bright golden yellow flowers from June until October. Valuable for cutting; 2 feet. Pkt. 15c; special pkt. 40c.

Arabis—Rock Cress ^(HP) ^(Δ) ^(●)

- 1211 Alpina.** This low growing, perfectly hardy plant is a great favorite for borders and rock garden planting as it is one of the earliest spring flowering plants we have. The spreading tufts are covered with sheets of pure white flowers soon after the snow disappears. Withstands drought and is always of neat and tidy appearance. 6 to 9 inches high. Pkt. 10c; $\frac{1}{4}$ oz. 30c; oz. \$1.00.

Arctotis—Blue-Eyed African Daisy ^(A)

- 1216 Grandis.** A remarkably handsome annual forming much-branched bushes 2 to 3 feet high covered with large, pure white daisy-like blooms having a pale lilac-blue reverse. Blooms continuously from early July until hard frost. It delights in a sunny situation and is as fine for garden display as it is for cutting. Pkt. 10c; $\frac{1}{4}$ oz. 25c; oz. 75c.

Armeria—Sea Pink, Thrift ^(HP) ^(Δ)

- 1221 Formosa hybrida.** A very pretty edging or rock garden plant, bearing rosy pink flowers throughout the summer and early fall. Perfectly hardy. 18 inches high. Pkt. 15c; special pkt. 40c.
- 1222 Bees' Ruby.** Rich deep rose colored flower heads measuring almost an inch in diameter. $1\frac{1}{2}$ feet. Pkt. 25c; special pkt. 75c.

Antirrhinum - Snapdragon [Ⓐ]

Large-Flowering Giant Sorts

A splendid strain growing about 30 inches tall. The long spikes are closely set with very large, massive flowers.

	PACKET	SPECIAL PACKET
1181 Crimson King. Rich velvety garnet crimson...	\$0 10	\$0 40
1182 Fire King. Brilliant orange-scarlet. Very showy.	10	40
1183 Golden King. Beautiful rich yellow.....	10	30
1184 Autumn Glow. Beautiful old rose, strongly shaded with terra cotta. Golden yellow lip.....	15	50
1185 Queen Victoria. Elegant flowers of purest white..	10	30
1186 Rose King. Soft silvery rose.....	10	50

1189 **Collection** of one pkt.
each of the above 6 sorts, 50c.

1190 **Finest Mixed.** Pkt 10c; $\frac{1}{4}$ oz. 40c; oz. \$1.25.

Large-Flowering Half-Dwarf Sorts

A splendid type, growing about 18 inches high. The best for bedding purposes, growing into well-rounded, compact plants.

	PACKET	SPECIAL PACKET
1161 Amber Queen. Amber suffused chamois.....	\$0 10	\$0 40
1158 Empress. Rich velvety crimson.....	10	40
1164 Golden Queen. Rich yellow.....	10	40
1165 Flame. Brilliant fiery orange scarlet.....	10	50
1169 Pink Perfection. Hermosa pink suffused salmon.	10	40
1168 Purity. Snowy white.....	10	40
1171 Silver Pink. Soft pearly pink.....	10	40

1179 **Collection** of one pkt.
each of the above 7 sorts, 50c.

1180 **Choice Mixed.** Pkt. 10c; $\frac{1}{4}$ oz. 50c; oz. \$1.50.

Three Beautiful Large-Flowering Half-Dwarf Snapdragons

These three varieties are exceptionally showy and colorful.

- 1163 **Gloria.** Rich glittering deep rose flowers massed together in massive flower spikes. Very effective. Pkt. 10c; special pkt. 40c.
- 1166 **Peerless Pink.** Immense flowers of an even soft shell pink color. Very charming. Pkt. 10c; special pkt. 40c.
- 1167 **Prima Donna.** Lovely large blooms of a rich terra cotta pink enhanced by a white tube. A lovely flower for garden display and for cutting. Pkt. 10c; special pkt. 40c.

1178 **Collection.** One packet each of
these three beautiful varieties for 25c.

Maximum or Super-Giant Sorts

These Maximum or Super-Giant Snapdragons grow 3 feet tall and carry extra large, well formed flowers arranged on long, strong stems. They are splendid for a tall border and yield exceptionally showy spikes for cutting.

	PACKET	SPECIAL PACKET
1151 Appleblossom. Soft appleblossom pink.....	\$0 15	\$0 50
1152 Canary Bird. Canary yellow, deeper yellow lip..	15	50
1153 Copper King (<i>Indian Summer</i>). Bronzy copper..	15	50
1154 Old Gold. Rose on yellow ground.....	15	50
1157 Salmon Rose (<i>New</i>). Salmon combined with Begonia rose.....	15	50
1155 Snowflake. Dazzling white.....	15	50
1156 The Rose. Begonia rose.....	15	50

1159 **Collection** containing one
packet each of the 7 sorts, 75c.

1160 **Super-Giant Mixed.** Pkt. 15c; $\frac{1}{4}$ oz. 60c.

New Rust-Proof Snapdragons

This splendid new type of Snapdragons has proved to be 75% resistant to the destructive Antirrhinum Rust.

- 1127 **Maximum, Crimson.** A pure crimson over an orange ground. Pkt. 50c; special pkt. \$1.50.
- 1128 **Nanum grandiflorum, Pearl.** Beautiful glistening white of extremely large size. Pkt. 50c; special pkt. \$1.50.
- 1130 **Majus grandiflorum, Mixed.** This superb mixture contains a wonderful range of popular colors. Pkt. 35c; special pkt. \$1.25.

One of the most valuable flowers which can readily be grown from seed. In our trials the seeds sown out of doors the first week of May came into bloom early in July, remaining in full flower until November.

All
Dreer's Flower
Seeds are sent
POSTPAID



Dreer's Large Flowering Antirrhinum

Improved Early-Flowering

A truly remarkable improvement in this very popular flower, the result of many years of careful work and selection on the part of the grower. The results obtained are uniformity and trueness of color. The plants grow 2½ feet high, start blooming 3 weeks earlier, and are in full bloom a month ahead of other varieties. Beautiful spikes with an unusually large number of flowers open at one time. Apparently quite rust-resistant because of its earliness.

- 1143 **Early Brilliant Rose.** Rose-pink.
- 1146 **Early Queen Victoria.** Pure white.
- 1147 **Early Rose Queen.** Soft pink.
- 1148 **Early Scarlet Defiance.** Bright scarlet.

Any of the above:
Pkt. 20c; special pkt. 60c.

We wish to call your special attention to the new Rust-Proof Snapdragons as they will grow profusely even in sections where rust has been abundant.

Aquilegia—Columbine HP ●

No hardy plant grown from seed is more easily handled than the Columbine. The seed may be sown in the open ground early in spring, or in August or September to bloom during the following year. Their graceful, airy habit and the showy appearance of their blooms makes them most desirable for garden display and for cutting.

- 1191 **Alpina**. △ A very effective rich blue variety. Splendid for rock gardens; 2 feet. Pkt. 15c; special pkt. 60c.
- 1192 **Californica hybrida**. Exquisite flowers in yellow and orange shades, all with long spurs. Pkt. 15c; special pkt. 60c.
- 1193 **Chrysantha (Golden Spurred)**. Golden yellow blooms on plants 3 to 4 feet tall. Pkt. 10c; special pkt. 50c.
- 1194 **Silver Queen**. Long-spurred pure white flowers of exquisite texture. Very lovely. Pkt. 15c; special pkt. 75c.
- 1195 **Coerulea (Rocky Mountain Columbine)**. △ A charming combination of violet-blue and white; 2 feet. Pkt. 15c; special pkt. 60c.
- 1197 **Canadensis**. The native rich red and yellow variety, one of the brightest. Blooms very profusely. Pkt. 10c; special pkt. 50c.

1199 Collection of Aquilegia.

One packet each of the above 6 sorts, 60c.

- 1200 **Long-Spurred Single Mixed**. A splendid strain containing all colors of the large-flowered and long-spurred forms. Pkt. 15c; special pkt. 60c.
- 1207 **Double Flowering Mixed**. Pkt. 10c; $\frac{1}{2}$ oz. 30c.
- 1210 **Single Flowering Mixed**. Pkt. 10c; $\frac{1}{4}$ oz. 25c; oz. 75c.



Long-Spurred Hybrid Columbine

Dreer's Long-Spurred Hybrid Columbines HP ●

This strain is unquestionably the finest yet produced. The plants are of strong, thrifty growth with flowers of largest size. We offer three distinct color selections in addition to the regular mixture.

- 1203 **Blue and Lavender Shades**. Pkt. 25c; special pkt. 75c.
- 1204 **Scarlet and Red Shades**. Pkt. 25c; special pkt. 75c.
- 1205 **Pink and Rose Shades**. Pkt. 25c; special pkt. 75c.
- 1208 **Collection** of one packet each of the above 3 colors for 60c.

- 1206 **Dreer's Long-Spurred Hybrids, Mixed**. A wonderful mixture containing beautiful tints, tones, and color combinations of cream, pink, lavender, blue, white, red, etc. Pkt. 20c; $\frac{1}{8}$ oz. 75c; $\frac{1}{4}$ oz. \$1.25.



Argemone hybrida grandiflora

Argemone—Mexican or Prickly Poppy A

- 1220 **Hybrida grandiflora**. Sturdy bushes, 2 to 3 feet high, with very ornamental pale green, spiny foliage with clear silvery midrib and veins. Poppy-like flowers of satiny texture, over 3 inches across, in various shades from rich yellow to creamy white. It comes into bloom early in July and continues without interruption till November. It is best to sow the seed where they are intended to bloom as soon as the ground is warm. Give them a sunny location and a light soil. A very pretty and ornamental plant in or out of bloom. Pkt. 10c; $\frac{1}{4}$ oz. 25c; oz. 75c.

Asparagus TP

- 1231 **Plumojus nanus**. This graceful Asparagus is an excellent house plant. Pkt. 15c; 100 seeds 75c.
- 1232 **Sprengeri (Emerald Feather)**. One of the best plants to grow in suspended baskets, window boxes, vases, etc.; for the greenhouse in winter and outside in summer. Pkt. 10c; 100 seeds 50c.



Aubrietia, Large-Flowering Hybrids

Aubrietia—Rainbow Rock Cress HP △

- 1486 **Rose Queen**. A splendid addition to this popular rock plant. Grows about 4 inches high and has large, clear pink flowers. Pkt. 25c; special pkt. 75c.
- 1490 **Large-Flowering Hybrids**. A beautiful dwarf rock plant covered with sheets of bright flowers in spring and early summer; 6 inches. Pkt. 15c; special pkt. 60c.

Auricula (Primula auricula) HHP △ ●

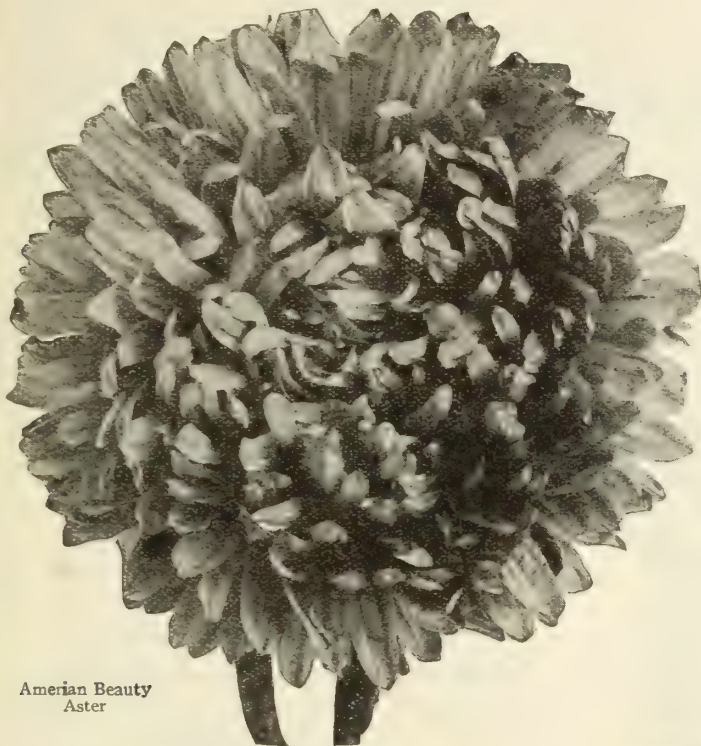
- 1500 A well-known favorite of great beauty; seed saved from splendid choice mixed varieties; half-hardy perennial; 6 inches. Pkt. 25c; special pkt. 75c.

These keys will quickly tell you to what class each plant belongs. A=Annual, B=Biennial, HHP=Half-Hardy Perennial, HP=Hardy Perennial, TP=Tender Perennial.

Dreer's Famous American Asters [Ⓐ]

Your success with Asters depends primarily upon the kind of seed you sow. Dreer's American Asters are justly famous as they represent the finest, most carefully selected strains of these beautiful annual flowers. Thorough soil preparation and an open, sunny situation are needed to grow Asters to perfection.

Asters prefer a good heavy loam soil enriched with a liberal quantity of bone meal, wood ashes, and a little air-slaked lime. We have received some very favorable comments from our customers who with the aid of Astogen (offered on page 195) have succeeded in raising a perfect crop of flowers.



American Beauty
Aster

Beauty Asters

This is one of the finest American Asters, coming into bloom late in September and lasting way into October. Often the plants produce their finest flowers after we have had some light frost. The plants grow nearly 3 feet high. They are vigorous and strong branching, bearing very large round blooms which are completely double to the very center. The outer petals reflex and the center ones curve gracefully inward. A magnificent Aster for both garden display and for cutting.

- 1271 American Beauty.** Immense, bright cerise blooms. Pkt. 15c; special pkt. 60c.
- 1272 Azure Fairy Beauty.** A lovely azure blue or deep lavender. Pkt. 15c; special pkt. 50c.
- 1273 Purple Beauty.** The rich deep purple blooms are gorgeous. Pkt. 15c; special pkt. 60c.
- 1274 September Beauty.** A lovely delicate shell pink color. Pkt. 15c; special pkt. 50c.
- 1275 Peach Blossom Beauty.** Iridescent peach-blossom pink. Pkt. 15c; special pkt. 50c.
- 1276 White Beauty.** Most attractive with its display of pure white blooms. Pkt. 15c; special pkt. 60c.

1279 Collection of Beauty Asters.

One packet each of the 6 sorts, 75c.

- 1278 Finest Mixed Colors.** A blend of all of the above and some others. Pkt. 10c; special pkt. 50c; $\frac{1}{4}$ oz. 75c.

California Giant Asters

A splendid midseason to late-flowering strain. Plants grow 3 to 3½ feet high with long, strong stems 18 to 24 inches in length bearing beautifully formed, curled, and interlaced flowers 5 or more inches across.

	PACKET	SPECIAL PACKET
1291 Lavender-Blue	\$0 20	\$0 75
1292 Peach Blossom	20	75
1293 Pure White	20	75
1294 Deep Purple	20	75
1295 Rich Rose	20	75
1297 Apple Blossom. Shell		
pink.....	20	75
1299 Collection of a packet		
each of above 6 colors, \$1.00.		
1300 Finest Mixed Colors.	Pkt. 15c; $\frac{1}{4}$ oz.	
	75c.	

New Super Giant Aster

1473 Los Angeles

This is the first of a new super giant race. It is a truly gorgeous flower—beautiful in form and excellent in color. The blooms are full petaled, very deep, unusually large yet artistically graceful in their feathery effect and in the interlacing of their narrow slender petals. The color is an enchanting shade of pure shell pink. Of robust growth and very free blooming. Pkt. 25c; special pkt. 75c.



California Giant Aster, Rich Rose

Dreer's "Pink Beauty" Aster

1396 Few Asters approach but none exceeds in beauty and charm this glorious variety. The plants make a well-rounded bush, 24 to 30 inches high. From early in August until well on into September the plants are covered with magnificent, large, fully double blooms which average 4 inches in diameter. They are almost as deep through as they are broad. The outer flower petals are reflexed, but the center ones curve inward. The color is a lovely blush pink that will appeal to all who appreciate delicate shades. Pkt. 15c; special pkt. 50c.

Heart of France Aster

1341 This is the largest flowering of the very dark red sorts. It is a magnificent Aster which never fails to attract favorable attention by the richness of its deep ruby red blooms which are carried on long, strong stems. The plants grow about 2 feet high. They are nicely branched and give a well rounded bush. Those who strive for rich color in their garden should not overlook this splendid Aster. It blooms profusely in September. Pkt. 15c; special pkt. 75c.



Improved Crego's Giant Comet Aster



Early Branching or Royal Aster

Early Branching or Royal Asters

An early-flowering form, coming into bloom in July or early August and lasting in perfect condition for a long time. The habit of the plants and their free-flowering make them very desirable for beds or borders, while their long-stemmed flowers are ideal for cutting.

	PACKET	SPECIAL PACKET
1411 Azure Blue or Dark Lavender	\$0 10	\$0 60
1412 Lavender. Soft lavender-violet.....	10	50
1413 Purple. Rich deep violet-purple.....	10	60
1414 Rich Rose. A bright color.....	10	50
1416 Shell Pink. Very delicate.....	10	50
1417 White. Purest white.....	10	60

1419 Collection. One packet each of the six colors 50c.

1420 Mixed Colors. Pkt. 10c; $\frac{1}{4}$ oz. 60c.

Improved Crego's Giant Comet Asters

This type enjoys the greatest popularity with American gardeners wherever Asters can be grown. We consider it the finest and best of all Comet Asters. The sturdy, well-branched plants are about 2 feet high and produce a great quantity of immense flowers which measure 5 inches and over in diameter. The blooms are as fine as any Chrysanthemum. They make a splendid garden display and will last a long time in water.

	PACKET	SPECIAL PACKET
1281 White. Pure white.....	\$0 15	\$0 60
1282 Pink. Delicate shell pink.....	15	60
1283 Purple. Bright purple.....	15	60
1284 Rose. Rich deep rose.....	15	60
1285 Lavender. Deep lavender.....	15	60
1286 Crimson. Deep rose-crimson.....	15	60

1288 Collection of one packet each of the 6 colors 65c.

1290 Crego's Mixed. Contains all colors. Pkt. 10c; special pkt. 50c; $\frac{1}{4}$ oz. 75c.

Early Imbricated Pompon Asters

This is a splendid early-flowering Aster, forming little plants about 14 inches in height. The plants are of straight upright growth which makes them particularly suitable for small or medium sized beds and borders. The flowers are of medium size composed of graceful overlapping petals. Also a fine pot plant.

	PACKET	SPECIAL PACKET
1322 Crimson	\$0 15	\$0 75
1323 Light Blue	15	75
1326 Rose	15	75
1327 White	15	75

1329 Collection of one packet each of the four colors 50c.

1330 Mixed. Containing all colors. Pkt. 15c; special pkt. 60c.

Asters

New Giant Peony-Flowered

This superb strain of giant Asters has proved one of the most desirable ever introduced. It has extremely double flowers of truly immense size, measuring 6 inches in diameter, resembling those of the Beauty type. They are borne on stout, non-lateral stems, 2½ to 3 feet long. Blooms at the same time as the Giants of California.

	PACKET	SPECIAL PACKET
1371 Azure Fairy. Clear azure blue.....	\$0 20	\$0 75
1374 Maiden's Blush. Delicate flesh.....	20	75
1375 Purple Robe. Deep purple.....	20	75
1376 Rosebud. Clear deep rose.....	20	75
1377 Swansdown. Pure white.....	20	75
1378 Silvery Rose. Deep lavender-pink.....	20	75

1379 Collection of one packet
each of the six colors, 80c.

1380 Mixed Colors. Pkt. 15c; special pkt. 60c.

Red Aster "Sensation"

1442 This is the reddest of all red Asters, the color being a rich garnet or ox-blood red which glistens in the sunshine like a live coal. The plants are of free-branching habit, and about 18 inches high. The very double flowers, averaging 3½ inches across, are borne freely on stems a foot long from early in August till the close of September. Pkt. 15c; special pkt. 60c.

Dreer's "Peerless Pink" Aster

1393 Conceded to be the finest pink late-branching Aster in existence. The plants are of robust, free-branching habit, and about 2 feet high. It is hard to find a flower under four inches across. Forms an almost globular flower. A free and continuous bloomer. Pkt. 15c; special pkt. 60c.

Queen of the Market Asters

A first-class July flowering Aster of branching habit. Good sized flowers on long stems. 15 inches.

	PACKET	SPECIAL PACKET
1401 Deep Rose.....	\$0 10	\$0 40
1402 Crimson.....	10	50
1403 Deep Lavender.....	10	40
1405 Peachblossom Pink.....	10	50
1406 Purple.....	10	50
1407 White.....	10	50

1409 Collection. One packet
each of the six colors 50c.

1410 Mixed Colors. Pkt. 10c; special pkt. 40c; ¼ oz. 60c.

Giant Single Asters

The large single Daisy-like flowers are very effective in beds or borders and for cutting. They offer a pleasing change to the innumerable double sorts; 2 feet high.

	PACKET	SPECIAL PACKET
1431 Appleblossom. Flesh pink.....	\$0 10	\$0 25
1433 Lavender.....	10	25
1435 Marechal Joffre. Crimson-scarlet.....	10	25
1437 White.....	10	25

1439 Collection of one packet
each of the four colors, 30c.

1440 Mixed Colors. Pkt. 10c; ¼ oz. 25c.

Giant California Sunshine Aster

These glorious new Asters represent a decided departure from the others offered here. They have long narrow outer petals and a cushion-like center of differently colored tubular florets. For varieties, description, and illustration see page 4.

King Asters

1350 King Mixed. The King Asters form a distinct class or type. They have many sterling qualities to recommend them to lovers of fine Asters. They are of strong, sturdy habit, growing fully 18 inches high, and bear from August to October very large double blossoms, the petals of which are attractively quilled. Our mixture contains all the colors. Pkt. 10c; ¼ oz. 50c.



Dreer's Late-Branching Aster

Dreer's Superb Late Branching Asters

This has been the standard Late Branching Aster for many years. The plants grow into strong well-branched bushes, 2 to 2½ feet high, always carrying a large number of giant blooms which even under ordinary culture measure 5 inches across. The blooms are supported on long strong flower stems. They are usually at their best during September, and all things considered are the most valuable of all Asters either for cutting or for bedding. All colors offered in this beautiful type are exceptionally bright and clean.

	PACKET	SPECIAL PACKET
1451 Azure Blue. Deep rich lavender.....	\$0 10	\$0 60
1452 Deep Crimson. A glowing crimson.....	10	60
1453 Deep Rose. Distinct and fine.....	10	40
1455 Pale Lavender. Exquisite greyish blue..	10	40
1456 Deep Purple. A rich royal shade.....	10	60
1457 Rose-Pink. A lovely shade; very popular particularly for cutting.....	10	40
1461 Shell Pink. Soft and dainty.....	10	60
1467 Pure White. Perfect in its purity.....	10	60

1469 Collection. One packet each
of the above eight colors for 60c.

1470 Finest Mixed. Pkt. 10c; ¼ oz. 50c.

Hardy Perennial Asters HP △

1476 Alpinus. △ A dwarf alpine Aster indispensable for the rockery or as an edge to the hardy borders. The plants grow 6 to 10 inches high. Showy bluish purple flowers in May and June. Pkt. 15c; special pkt. 75c.

1480 *Mixed (Michaelmas Daisies). ● Single fall-flowering hardy herbaceous plants thriving in any good garden soil. If sown early they will flower the first season; 3 feet. Pkt. 15c; special pkt. 60c.

Balloon Vine—Love-in-a-Puff (A)

(*Cardiospermum halicacabum*)

- 1525** A rapid-growing annual climber succeeding best in light soil and in a warm situation. Has white flowers and interesting seed vessels which look like miniature balloons and are of great interest to children. Pkt. 10c; oz. 25c.



Double Camellia-Flowered Balsam

Balsam—Lady Slipper (A) ●
Double Camellia-flowered

An old favorite tender annual producing its gorgeous masses of beautiful, brilliant colored, double blooms in the greatest profusion. Of easy culture, succeeding best in a good rich soil; 2 to 3 feet. Start the seed indoors in April or sow out of doors in May. To grow fine specimens they should not stand closer than 18 inches apart.

- 1532 Salmon Prince.** Exquisite salmon-pink; very double.
1533 Light Yellow. A lovely color.
1534 Scarlet. Brilliant fiery scarlet blooms.
1535 Solferino. Striped and spotted white, lilac, and scarlet.
1536 Violet. Very rich deep violet.
1537 White Perfection. Very double, pure white.

Any of the above: Pkt. 10c; special pkt. 25c.

1538 Collection of the
6 colors given above, 40c.

- 1540 Finest Mixed Colors.** Contains a wide range of beautiful colors. Pkt. 10c; ¼ oz. 25c; oz. 75c.

Baptisia—False Indigo (HP)

- 1541 Australis.** Strong growing plants, about 2 feet high. Dark green, deeply-cut foliage and spikes of dark blue, pea-shaped flowers in June. Pkt. 15c; special pkt. 40c.

**Tuberous Rooted
Begonia** (TP) ●

Though these have very small seeds they are easy to grow if started in pans filled with fine soil. They will bloom the first season if seed is sown in February or March in a temperature of 60 degrees F. They do particularly well if planted outdoors in a semi-shaded position.

- 1581 Double, Finest Mixed.** A remarkable mixture including a great number of lovely colors in both rich and delicate shades. Pkt. 50c; special pkt. \$1.50.
1582 Single, Finest Mixed. Equally as colorful as the above producing splendid sturdy plants and flowers of large size. Pkt. 25c; special pkt. 75c.



Everblooming Bedding Begonia

Everblooming Bedding Begonias (TP) ●

These are varieties of *Begonia semperflorens*. They are splendid as bedding plants and do well in full sun, in partial shade, or in full shade. They are of sturdy growth about a foot high forming dense bushes which bloom continuously from May until frost. Also splendid as winter pot plants.

- 1560 Christmas Cheer.** A bright crimson-scarlet splendid in pots for Christmas. Pkt. 25c; special pkt. 75c.
1561 Albert Martin. Extra large flowers of a bright crimson-scarlet color. Pkt. 25c; special pkt. 75c.
1562 Erfordia. Rosy carmine. Pkt. 25c; special pkt. 75c.
1563 Luminosa. Brilliant fiery dark scarlet blooms with contrasting bronze foliage. Pkt. 25c; special pkt. 75c.
1564 Prima Donna. Limpid rose shading to carmine at the center. Pkt. 25c; special pkt. 75c.
1565 White Queen. Pure white. Pkt. 25c; special pkt. 75c.
1567 Gustav Knaake. Glowing pink with salmon shadings. Green, bronze shaded foliage. Pkt. 25c; special pkt. 75c.
1571 Vernon. Bright orange-scarlet flower trusses and rich bronze foliage. Pkt. 15c; special pkt. 50c.
1577 Salmon Queen. Salmon-rose. Pkt. 25c; special pkt. 75c.
1580 Semperflorens, Mixed. A splendid mixture of both green and bronze leaved varieties. Pkt. 15c; special pkt. 50c.

Bellis—English Daisy (B)

Easily raised from seed often lasting more than two years. They bloom profusely from early spring until late fall. If sown during late summer carry over winter in a cold frame.

- 1591 Giant Double Rose.** Pkt. 15c; special pkt. 60c.
1592 Giant Double Red. Pkt. 15c; special pkt. 60c.
1593 Giant Double White. Pkt. 15c; special pkt. 60c.
1590 Giant Double Mixed. Pkt. 15c; special pkt. 50c.
1594 Longfellow. Very large double blooms of a beautiful rich pink. Pkt. 10c; special pkt. 40c.
1598 The Bride or Improved Snowball. Large, double, pure white. Pkt. 10c; special pkt. 50c.
1600 Double Mixed. A fine mixture containing all colors. Pkt. 10c; special pkt. 40c; ¼ oz. 75c.
1595 Double Quilled Mixed. All quilled flowers in red, pink, and white. Pkt. 15c; special pkt. 50c.

Bocconia—Plume Poppy, Tree Celandine (HP) ●

- 1611 *Cordata.** A splendid hardy perennial for single specimens or groups on lawns. Foliage glaucous green. Bears spikes 2 to 3 feet long of cream-colored flowers; 6 feet tall. Easily raised from seed. Pkt. 10c; ¼ oz. 25c.

Boltonia—False Chamomile (HP) ●

One of the showiest of our native hardy perennials, growing 4 to 6 feet high. Daisy-like flowers in countless thousands from July to September.

- 1615 Asteroides.** Creamy white. Pkt. 10c; special pkt. 40c.
1616 Latisquama. Lilac-pink. Pkt. 10c; special pkt. 40c.

Brachycome—Swan River Daisy Ⓐ△

1620 Mixed. A lovely and free flowering annual of compact habit growing about 12 inches high. The plants are covered during the greater part of the summer with a profusion of blue and white flowers. Splendid for edging small beds, the rock garden, and for pot culture. Pkt. 10c; $\frac{1}{4}$ oz. 30c.

Browallia—Amethyst Ⓐ

1637 Speciosa major. Magnificent brilliant ultramarine blue flowers of large size. A splendid border plant and unexcelled in hanging baskets or as a winter blooming pot plant. Pkt. 25c; special pkt. 75c.

1640 Elata, Mixed. A profuse blooming annual covered with flowers during the summer and autumn months. Grows best in a rich soil and blooms freely throughout the winter if lifted in the autumn and cut back. Blue and white in mixture. 18 in. Pkt. 10c; $\frac{1}{4}$ oz. 30c.

Cacalia—Tassel Flower, Flora's Paint Brush Ⓐ

1650 A neat annual of easy culture with tassel-shaped blooms in golden yellow and scarlet. Blooms profusely from June until September. It is a splendid subject for border planting. $1\frac{1}{2}$ ft. Pkt. 10c; $\frac{1}{4}$ oz. 25c.

Calendula—Scotch Marigold Ⓐ

A splendid, showy, free-flowering hardy annual for the garden. Also valuable for forcing and for pot culture, blooming freely in winter and early spring.



Calendula, Chrysantha or Sunshine

Four Newer Calendulas

1679 Campfire (Sensation). Extremely large flowers of a rich orange color with a scarlet sheen, making a very attractive flower. Pkt. 15c; $\frac{1}{4}$ oz. 60c.

1675 Chrysantha or Sunshine. An entirely new type of Calendula. Remarkable for the striking resemblance the flower bears to a Chrysanthemum. The petals are long, wide, and drooping, giving the flowers a globular appearance. The color is a clear buttercup yellow. Its long stems make it an ideal cut flower for any purpose. Pkt. 15c; $\frac{1}{4}$ oz. 75c.

1680 Radio. Quite distinct from any other Calendula. The petals of the large, perfectly double flowers, instead of being flat, are beautifully quilled, forming an almost globular, rich golden orange flower. Pkt. 10c; $\frac{1}{4}$ oz. 25c.

1678 Radio Golden Beam. Identical to Radio excepting color which is a golden yellow. Pkt. 15c; $\frac{1}{4}$ oz. 50c.

1691 Collection. One packet each of the above four varieties 40c.

1677 Orange Shaggy. This showy novelty is pictured and described on page 5. Pkt. 25c; special pkt. 75c.

Calendula—Continued

1682 Orange King. An extra fine strain of this splendid, double, rich orange-red variety, producing flowers over 3 inches in diameter. Pkt. 10c; $\frac{1}{4}$ oz. 25c; oz. 40c.

1686 Lemon King. Rich lemon yellow of large size and good form. Pkt. 10c; $\frac{1}{4}$ oz. 25c; oz. 40c.

1684 Golden King. Rich golden yellow flowers of large size borne on long, strong stems. Pkt. 10c; $\frac{1}{4}$ oz. 25c; oz. 40c.

1681 Meteor. Orange, striped cream. Pkt. 10c; $\frac{1}{4}$ oz. 25c; oz. 40c.

1683 Nankeen. Creamy yellow, slightly flushed apricot. Pkt. 10c; $\frac{1}{4}$ oz. 25c; oz. 40c.

1687 Favorite. The lightest colored sort, the petals are almost white, margined clear yellow. Pkt. 10c; $\frac{1}{4}$ oz. 25c; oz. 40c.

1689 Collection. One packet each of the above 6 sorts 40c.

1688 Collection. One ounce each of the above 6 sorts \$2.00.

1690 Double Mixed. Pkt. 10c; $\frac{1}{4}$ oz. 15c; oz. 25c.



Calliopsis tinctoria splendens

Calliopsis Ⓐ

Beautiful free-flowering annuals of easiest culture doing well in any position and blooming all summer long. Sow where they are to bloom and thin to stand 6 to 12 inches apart. Splendid for garden display and for cutting.

Tall Varieties

These grow from 2 $\frac{1}{2}$ to 3 feet high with fine feathery foliage and hundreds of brilliantly colored blossoms that are most effective in beds or borders and as cut flowers.

1708 Marmorata. A very showy sort covered with bright golden yellow flowers, marbled with Wallflower red. Pkt. 10c; $\frac{1}{4}$ oz. 25c.

1703 Nigra speciosa. A strong grower with good sized flowers of rich reddish maroon. Pkt. 10c; $\frac{1}{4}$ oz. 25c.

1704 Tinctoria splendens. Another showy variety. The very large flowers are bright yellow and maroon. Pkt. 10c; $\frac{1}{4}$ oz. 25c; oz. 75c.

1706 Double Tinctoria. Very showy double and semi-double flowers of rich maroon, edged with gold. Pkt. 10c; $\frac{1}{4}$ oz. 25c.

1709 Collection of one packet each of the above 4 tall sorts 30c.

1710 Tall Varieties Mixed. Pkt. 10c; $\frac{1}{4}$ oz. 25c; oz. 45c.

Dwarf or Bedding Varieties △

Compact bushes, 9 to 12 inches high, completely covered with gay flowers throughout the summer. Ideal for the edge of borders, for massing, or the rock garden.

1695 Dazzler. Very large blooms with rich maroon-red center, and broad, golden yellow border. Pkt. 10c; $\frac{1}{4}$ oz. 25c.

1696 Bicolor nana. Of dwarf, compact, even growth. Clear yellow flowers with small garnet eye. Pkt. 10c; $\frac{1}{4}$ oz. 25c.

1698 Nana marmorata. Identical in color to the tall variety. Gives an interesting display. Pkt. 10c; $\frac{1}{4}$ oz. 25c.

1701 The Sultan. Rich maroon-crimson. Pkt. 10c; $\frac{1}{4}$ oz. 30c.

1699 Collection of one packet each of the above 4 dwarf sorts 30c.

1702 Dwarf Varieties Mixed. Pkt. 10c; $\frac{1}{4}$ oz. 30c; oz. 50c.



Campanula calycanthema

Campanula calycanthema Cup and Saucer Canterbury Bells®

This is unquestionably the finest type of this old-fashioned and much prized garden plant. It differs from the other types in having an extra large calyx which is of the same color as the flower, giving the appearance of a cup and saucer. They are effective either in the garden or grown in pots for conservatory or table decoration.

1735 Calycanthema, Dark Blue. Very rich dark blue flowers. Pkt. 15c; $\frac{1}{4}$ oz. 75c.

1736 — Rose-Pink. Pkt. 15c; $\frac{1}{4}$ oz. 75c.

1737 — Light Blue. Pkt. 15c; $\frac{1}{4}$ oz. 75c.

1738 — White. Pkt. 15c; $\frac{1}{4}$ oz. 75c.

1739 Collection. One packet each of the above 4 colors 50c.

1740 — Finest Mixed Colors. Pkt. 10c; $\frac{1}{4}$ oz. 60c.

Campanula medium® Canterbury Bells

These single Canterbury Bells are highly valued by many gardeners as they will give an exceedingly fine display in the garden and will last quite some time as cut flowers. Cover during the winter with evergreen boughs to protect against severe freezing.

The old-fashioned sort with beautiful, large, bell-shaped blossoms. We offer four distinct colors and mixed, as follows:

1744 Single, Dark Blue.....	} Any color: Pkt. 10c; $\frac{1}{4}$ oz. 25c.
1745 — Light Blue.....	
1746 — Rose.....	
1747 — White.....	

1743 Collection. One packet of each of the above four colors 30c.

1748 Single Mixed Colors. Pkt. 10c; $\frac{1}{4}$ oz. 25c.

1741 Double Mixed. Double-flowering Medium varieties. Pkt. 10c; $\frac{1}{4}$ oz. 50c.

Campanula

**Canterbury Bells—
Bellflowers—Peach Bells—
Blue Bells—Hare Bell**

These are interesting garden plants represented by annual, biennial, and perennial varieties. The annual Canterbury Bells are the most recent addition to this fine class. Campanula calycanthema, the Cup and Saucer Canterbury Bell; and Campanula medium, the single Canterbury Bell, are both biennial. All the perennial varieties are exceedingly showy and deserve a place in the garden.

New Annual Canterbury Bells®

After many years of careful selection the introducer has secured an annual Canterbury Bell which blooms from seed in less than six months. It should now be possible to have these beautiful flowers in bloom at almost any time of the year. The plants grow from 2 to 2½ feet tall, each plant having from 6 to 8 beautiful blooming spikes.

		PACKET	SPECIAL PACKET
1715 Angelus Bell.	A beautiful shade of deep rose.....	\$0.25	\$0.75
1716 Blue Bell.	Cambridge Blue.....	25	75
1717 Liberty Bell.	Intense violet-blue.....	25	75
1718 Misson Bell.	Clear Pink.....	25	75

1719 Collection. One packet each of the above four colors 75c.

1742 Mixture. Contains all the colors, Pkt. 15c; special pkt. 60c.

Beautiful Hardy Campanulas®



Campanula persicifolia grandiflora

Beautiful well-known hardy herbaceous perennials bearing a great profusion of attractive bell-shaped flowers and thriving best in light, rich soil.

1728 Pyramidalis, Blue (The Chimney Bellflower). A beautiful, stately, hardy plant either for garden or pot culture; blue salver-shaped flowers borne in great profusion. 4 to 5 feet. Pkt. 10c; $\frac{1}{4}$ oz. 75c.

1729 — alba. Same as above, but with white flowers. Pkt. 10c; $\frac{1}{4}$ oz. 75c.

1724 Persicifolia grandiflora, Blue (Peach Bell). Undoubtedly one of the finest of the hardy Bellflowers. Grows 2 to 3 feet high and has large blue flowers. Pkt. 15c; special pkt. 60c.

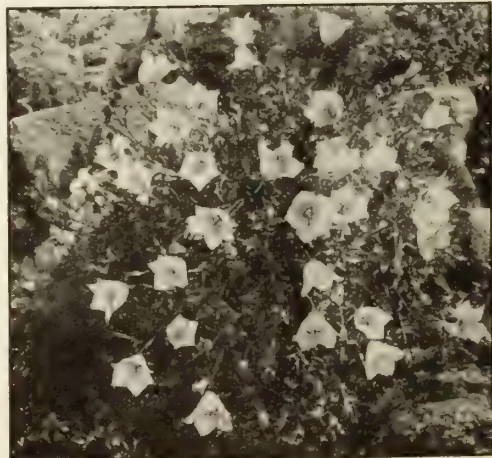
1725 — — alba. The white-flowered Peach Bells. Pkt. 15c; special pkt. 60c.

1726 — — Telham Beauty. Immense bell-shaped flowers of a pale China blue, produced on long stems. A very showy variety. Height, 2 feet. Pkt. 25c.

1731 Rotundifolia (Blue Bells of Scotland). The true Hare Bell bearing a mass of large, clear blue flowers from June to August. Very showy; 1 foot. Pkt. 25c; special pkt. 75c.

1721 Carpatica, Blue (Carpathian Hare Bell.) Free-flowering hardy perennial continuing in bloom the whole season; color clear blue; grows 6 inches high; especially good for edging and rock garden. Pkt. 10c; $\frac{1}{4}$ oz. 50c.

1720 — alba. This is the white flowering form of the above. Very attractive and a profuse bloomer. Pkt. 10c; $\frac{1}{4}$ oz. 50c.



Campanula carpatica

Canary-Bird Vine (A)●*Tropaeolum canariense*

1749 A beautiful, rapid growing annual climber with charming canary yellow blossoms bearing a fancied resemblance to a bird with its wings half expanded. The sprays of flowers are very artistic and, when cut, keep in good condition for a week. Pkt. 10c; $\frac{1}{2}$ oz. 30c; oz. 50c.

Candytuft—*Iberis* (A)△

Charming for beds, borders, rock gardens, etc., and the larger the mass the better the effect. The plants grow about 12 inches high and will succeed in any light, airy position. Seed may be sown any time during the spring. They bloom in about eight weeks from the time of sowing, and in order to keep up a succession of bloom two sowings should be made at intervals of about two weeks. For best results thin the plants to stand not less than six inches apart. While useful for cutting, it is for their bright effect in the garden that they are mainly grown.

1751 Umbellata, Carmine. Carmine-rose. } Any of these:
1752—Crimson. Rich deep shade. } Pkt. 10c;
1755—Albida. Pure white. } $\frac{1}{2}$ oz. 30c;
1756—Flesh Pink. Delicate pink. } oz. 50c.
1757—Lavender. Delicate rosy lavender. }

1758—Rose Cardinal. Brilliant deep rosy red; one of the most effective for bedding. Pkt. 10c; $\frac{1}{2}$ oz. 40c; oz. 75c.

1759 Collection. Containing one packet each of the above 6 colors, 40c.

1768 Collection of $\frac{1}{2}$ oz. each of above 6 colors, \$1.50.

1760—Mixed. A splendid mixture. Pkt. 10c; $\frac{1}{2}$ oz. 20c; oz. 30c.

1770 Tom Thumb, Mixed. A dwarf compact form of this very popular annual. Only 6 inches high; excellent for edging or the rock garden. Pkt. 10c; $\frac{1}{2}$ oz. 30c; oz. 50c.



Giant Hyacinth-Flowered Candytuft

1753 Giant Hyacinth-Flowered or Improved Empress.

A wonderfully improved strain quite distinct from the umbellata sorts offered above, forming much-branched plants about 18 inches high, each branch terminated by an immense spike of very large individual pure white flowers. Makes a very effective white bed or border, and is invaluable for cutting. Pkt. 10c; $\frac{1}{2}$ oz. 40c; $\frac{1}{2}$ oz. 65c; oz. \$1.25.

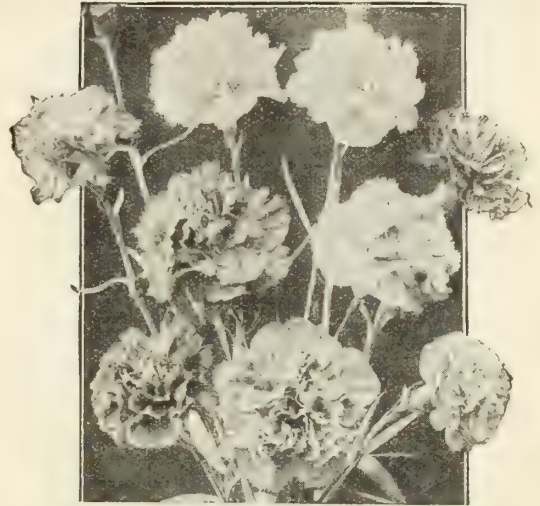
For Hardy Candytuft see *Iberis* on page 38.

Canna—*Indian Shot* (A)

1790 Dwarf Large-Flowering Mixed. Unquestionably the finest bedding plants for the American climate. Soak the seeds in warm water until they show evidence of swelling, then sow in sandy soil and keep in a hotbed or greenhouse until the proper season for planting out. Pkt. 10c; oz. 75c.

Carnations—*Dianthus caryophyllus* (A) & (HP)

Carnations are general favorites for their delicious fragrance and richness of colors. They are indispensable both for greenhouse culture in winter and for the garden in summer. The Marguerite and Giant Double type are the best for summer flowering.



Hardy Border Carnation

Hardy Border Carnations (HP)

1840 Grenadin Mixed. Dwarf, compact plants with a great profusion of double flowers in various colors. Early flowering and invaluable for cutting. Will bloom first year if seed is sown early. 1 foot. Pkt. 15c; special pkt. 50c.

1850 Hardy Border, Double Mixed. A good hardy strain for outdoor culture, flowering the second season and producing a mass of flowers in a great variety of colors. Pkt. 15c; special pkt. 50c; $\frac{1}{2}$ oz. 75c.

Chabaud's Giant Double (A)

Blooms in five months after being sown, and produces its nicely fringed, intensely fragrant double flowers in the greatest profusion throughout the season; 18 inches.

1811 Blood Red. } Any of these:
1812 Yellow. } Pkt. 20c;
1813 Rose. } special pkt.
1814 Scarlet. } 60c.
1815 Flesh Pink. }
1816 White. }

1818 Collection of one packet each of the above six beautiful colors, 85c.

1820 Finest Mixed. Pkt. 15c; $\frac{1}{2}$ oz. 75c.

Giant Marguerite Carnation (A)

1830 The most popular Carnation with the amateur as they begin to flower in a few weeks from time of sowing; 18 inches. An improved strain with flowers of extra large size in a splendid range of colors. Pkt. 10c; $\frac{1}{2}$ oz. 60c.

Carnation *Enfant de Nice* (A)

These are the result of a cross between Carnation Chabaud's Giant Improved and Carnation Perpetual. The plants are of robust, upright habit, with long, strong stalks bearing flowers 2 $\frac{1}{2}$ to 3 inches in diameter. This strain is magnificent. The colors come about 75% true from seed and about 90% of the plants come double.

1805 Red. } Any of these:
1806 Rose. } Pkt. 35c;
1807 Salmon. } special pkt.
1808 White. } 75c.

1809 Collection. One packet each of the 4 lovely colors, \$1.00.

1810 Finest Mixed Colors. Pkt. 25c; special pkt. 75c.

For Pinks see *Dianthus* pages 28 and 29.



Cardinal Climber

Cardinal Climber [Ⓐ] *Ipomoea quamoclit hybrida*

- 2158** We named and introduced this glorious and absolutely distinct climber which is universally considered the most beautiful and brilliant of all annual climbers. It is a strong and rapid grower, attaining a height of 30 feet or more. Beautiful fern-like foliage and literally covered with a blaze of cardinal red flowers from midsummer till frost. The flowers are about 1½ inches in diameter. They are borne in clusters of from 5 to 7 each. Like other Ipomoeas, it delights in a warm, sunny situation and good soil. Pkt. 15c; special pkt. 30c; ¼ oz. 50c.

Caryopteris mastacanthus ^{HP}

Sturdy, free flowering, woody perennial plants growing 2 to 3 feet high and carrying lovely whorls of attractive flowers arranged in graceful tier-like fashion on slender, upright stems. Blooms during September and October when few other flowers are available.

- 1845 Superbus, Blue.** Pkt. 25c.
1846 Superbus, Pink. Pkt. 25c.
1847 Superbus, White. Pkt. 25c.

1848 Collection. One packet each of the three colors 50c.

For color illustration and plants of *Caryopteris*, see page 117.

Centranthus [Ⓐ] [△] Annual Valerian

- 1908 Macrosiphon.** A splendid annual of easy culture. About 15 inches high with heads of beautiful, deep rose flowers. Very showy in rockeries, borders, and vases. Does well in any soil. Pkt. 10c; ¼ oz. 25c; oz. 75c.

Celosia—Cockscomb, Woolflower [Ⓐ]

These showy annuals are easy to grow in a moderately light soil which is not too rich. Start the seed indoors in early spring and plant out in May, or sow outdoors in May.

Celosia cristata

Dwarf Crested Cockscomb

These make a grand border and are also most attractive in pots. Of massive size and very colorful. The flower heads last a long time in water and may be dried for winter bouquets. 12 inches high.

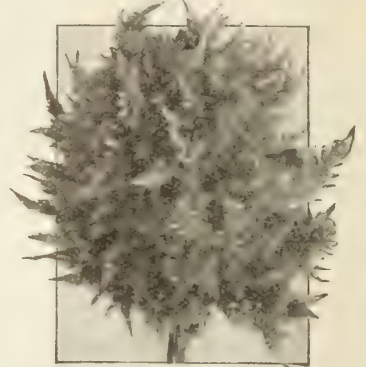
- 1851 Empress.** Colossal combs of beautiful rich deep crimson color.
1852 Glasgow Prize. Gorgeous bright crimson combs of truly immense size.
1853 Queen of the Dwarfs. Compact plants with dark rose combs.
1854 Golden Queen. Massive flower heads of rich golden color.
1855 Amaranth. A very popular dark crimson variety.
1856 Bright Rose. Lovely bright rose combs with a glistening sheen.

Any of the above:

Pkt. 10c; special pkt. 50c.

1858 Collection. One packet each of the above 6 Dwarf Cockscomb varieties 50c.

- 1860 Dwarf Mixed.** A lovely blend of all the dwarf varieties. Pkt. 10c; special pkt. 40c.



Celosia Childsi

Celosia Childsi Chinese Woolflower

A very valuable type with large flower heads which have the appearance of a silky ball of wool. Splendid for beds and borders, and for cutting. Grows 2 feet tall.

- 1865 Crimson.** Pkt. 10c; special pkt. 40c.
1864 Pink. Pkt. 10c; special pkt. 50c.
1863 Yellow. Pkt. 10c; special pkt. 40c.

Celosia plumosa—Feathered Cockscomb

Fine plants for large beds or groups. The plumes or flowers can be cut and dried for winter bouquets. Should be treated exactly the same as the Cockscombs described above.

- 1867 Thompson's Superb** (*Triomphe de l'Exposition*). Of pyramidal growth, attaining a height of 3 feet and producing graceful feathery plumes of the most brilliant crimson. Pkt. 10c; ¼ oz. 25c.
1868 Thompsoni magnifica, Mixed. Similar to the preceding but ranging in color from the clearest yellow to the darkest blood red. Pkt. 15c; ¼ oz. 50c.
1866 Golden Plume. Bright golden yellow plumes. Pkt. 10c; ¼ oz. 25c.
1870 Plumosa, Mixed. Feathered varieties. Pkt. 10c; ¼ oz. 25c.
1862 Flame of Fire. A beautiful new Celosia growing 18 to 20 inches high. Forms lovely compact bushes of perfect pyramidal form. Each branch carries a showy, good sized comb of an intense flame red color. Pkt. 25c; 5 pkts. \$1.00.

Cerastium—Snow in Summer ^{HP} [△]

- 1911 Tomentosum.** A very pretty, dwarf white-leaved edging or rock plant covered with small white blooms during the spring. Grows 12 to 15 inches high. Pkt. 15c; special pkt. 40c.

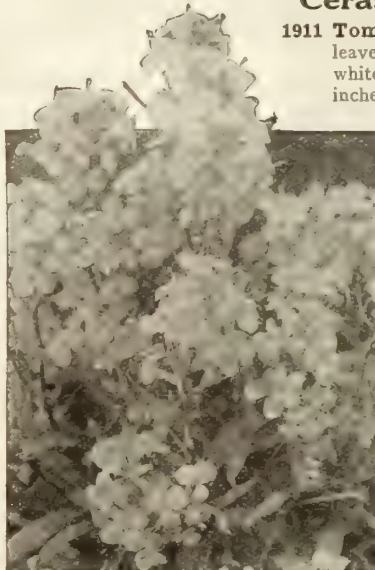
Cheiranthus [Ⓑ] [△] Wallflower

Though these are strictly biennials they can also be grown as annuals blooming freely throughout the summer if the seed is sown early in the spring. For spring flowering sow in late summer.

- 1915 Allioni** (*Siberian or Fairy Wallflower*). Brilliant orange flower trusses on plants 12 inches high. Exceptionally showy; fine for beds and highly valuable for planting in the rock garden. Pkt. 10c; ¼ oz. 25c.

- 1916 Linifolius** (*Alpine Wallflower*). These form compact plants about 9 inches high and bear a great number of small spikes covered with bright mauve blooms. Of neat habit. Pkt. 15c; ¼ oz. 50c.

See also Wallflower, page 64



Cheiranthus Allioni

Centaurea—Cornflower [Ⓐ] & ^{HP}

This is a very interesting class of plants represented by both annuals and perennials. Among the annuals we have such popular kinds as the Royal Sweet Sultan, the double Cornflower, and the white-leaved varieties, widely called Dusty Millers. The perennial varieties go under the popular name of perennial Cornflowers. All of them are great favorites throughout the country because they are easy to grow in almost any kind of soil.

1874 Americana (Basket Flower). [Ⓐ] A splendid hardy annual, growing 3 feet high and bearing immense thistle-like blooms of a rosy lavender color. The blooms measure 5 inches across. Very showy in the mixed border and splendid for cutting. Pkt. 10c; special pkt. 25c.

1901 Suaveolens (Yellow Sweet Sultan or Grecian Cornflower). [Ⓐ] A very showy annual variety with large, bright yellow, sweetly scented flowers. A popular sort for cutting; lasting well; 2 feet. Pkt. 10c; $\frac{1}{4}$ oz. 25c.



Centaurea imperialis—Royal Sweet Sultan

Centaurea imperialis [Ⓐ] Royal Sweet Sultans

This beautiful class is undoubtedly the finest of all Sweet Sultans for cut-flower purposes. The charming, sweet-scented, graceful flowers are borne on long, strong stems and when cut will stand for several days in good condition. In this latitude it is best to sow very early in the spring so that they may perfect their flowers before very hot weather comes; $2\frac{1}{2}$ feet. We offer the following distinct colors:

- | | |
|--------------------------|---|
| 1891 Brilliant Rose..... | } Any of these:
Pkt. 10c;
special pkt. 25c. |
| 1892 Amaranth Red..... | |
| 1893 Deep Lavender..... | |
| 1894 Deep Purple..... | |
| 1895 Delicate Lilac..... | |
| 1896 Pure White..... | |

1899 Collection. One packet each of the above six fine colors 40c.

1900 Finest Mixed Colors. Pkt. 10c; $\frac{1}{4}$ oz. 25c; oz. 75c.

Double Blue Cornflower



Double Cornflowers [Ⓐ] Centaurea cyanus

These are also known as Bachelor's Buttons, Blue Bottle, Ragged Sailor, Bluet, and sometimes as Ragged Robin, but it is always best to order by the botanical name. They are well known to every flower lover and always included in old-fashioned gardens.

- | | |
|-------------------------------------|--|
| 1881 Double Blue..... | } Any of these:
Pkt. 10c;
$\frac{1}{4}$ oz. 25c;
oz. 75c. |
| 1882 Double Rose-Pink Improved..... | |
| 1883 Double White..... | |
| 1884 Double Maroon..... | |
| 1885 Double Mauve..... | |
| 1886 Double Ruby Red..... | |

1889 Collection of one packet each of above 6 colors 40c.

1888 Collection of $\frac{1}{4}$ oz. each of above 6 colors \$1.00.

1890 Double Mixed. Pkt. 10c; $\frac{1}{4}$ oz. 20c; oz. 50c.

White-Leaved Centaureas—Dusty Miller

Fine for bedding, vases, hanging baskets, and pots; also extensively used for margins. As an edging to a bed of dark-leaved Cannas or Scarlet Sage these are particularly effective. Sow the seed early indoors, and transplant in May. *The white-leaved Cinerarias are also known as Dusty Millers.* See page 23.

- 1871 Candidissima.** [Ⓐ] Silvery white leaves with elegantly cut margin. Very showy. Pkt. 10c; special pkt. 50c.
- 1872 Gymnocarpa.** [Ⓐ] Finely cut silvery foliage; $1\frac{1}{2}$ feet high. This is a great favorite. Pkt. 10c; special pkt. 25c.

Hardy Centaureas ^{HP}

- 1902 Dealbata (Persian Centaurea).** Bright rose colored flowers; July to September; $1\frac{1}{2}$ to 2 feet. Pkt. 15c; special pkt. 50c.
- 1903 Macrocephala (Globe Centaurea.)** Large thistle-like golden yellow flowers; useful for cutting and showy in the border; July and August; $3\frac{1}{2}$ feet. Pkt. 15c; special pkt. 40c.
- 1904 Montana (Perennial Cornflower, Mountain Blue).** A showy variety, 2 feet high, bearing large violet-blue flowers from July to September. Pkt. 10c; special pkt. 25c.

Chrysanthemum ^(A) & ^(HP)

Annual Varieties ^(A)

The annual Chrysanthemums or Painted Daisies are showy and effective garden favorites. They also are splendid for cut flowers. They grow about 2 feet high and bear a profusion of large daisy-like flowers on good stems. They are distinct from the hardy perennial and autumn flowering varieties.

1921 Burridgeanum. Pure white petals zoned rich brownish red and yellow. Dark brown disc. Pkt. 10c; $\frac{1}{4}$ oz. 25c.

1923 Morning Star. Canary yellow petals with halo of deeper yellow. The disc is dark yellow. Pkt. 10c; $\frac{1}{4}$ oz. 25c.

1924 Northern Star. Very large daisy-like flowers, 3 inches across. Pure white, fringed petals with canary yellow zone around a dark brown eye. Pkt. 10c; $\frac{1}{4}$ oz. 25c.

1925 Chameleon (Eclipse). Light yellow to tawny apricot, garnet band with yellow zone around dark disc. Pkt. 10c; $\frac{1}{4}$ oz. 25c.

1926 Evening Star (Helios). Rich sunflower yellow, the disc slightly deeper yellow. Pkt. 10c; $\frac{1}{4}$ oz. 25c.

1927 Purpureum (W. E. Gladstone). Rich velvety purple with yellow zone. A most attractive variety. Pkt. 10c; $\frac{1}{4}$ oz. 25c.

1929 Collection of one packet each of the above 6 varieties, 40c.

1928 Collection of $\frac{1}{4}$ oz. each of the above 6 varieties, \$1.00.

1930 Single Mixed (Painted Daisies). A splendid mixture including many fine colors. Pkt. 10c; $\frac{1}{4}$ oz. 20c; oz. 50c.

1931 Coronarium, Double Mixed. Lovely double flowers in shades of yellow and white. Pkt. 10c; $\frac{1}{4}$ oz. 20c; oz. 50c.

Perennial Varieties ^(HP)

1940 Japonicum, Double Anemone-Flowered. Started early this will flower from seed in late autumn. Beautifully quilled blooms of exceptionally bright and varied coloring. Many double flowers measuring from 2 to 3 inches across. A splendid novelty. Pkt. 50c; special pkt. \$1.50.

1943 Riverton Seedlings. A truly glorious mixture of carefully hybridized varieties with single, semi-double, and double blooms in a range of colors that defies description. Blooms during October. Pkt. 50c; special pkt. \$1.00.

1941 Korean Hybrids. Exceptionally hardy, single flowered, bushy plants including a range of colors that is most impressive. Easy to grow blooming in late fall of the same year as sown. Pkt. 50c.

1945 Double Early Flowering. A beautiful race which will produce a large number of double-flowering plants in a wide range of rich colors. They will bloom during the late fall. Pkt. 25c; special pkt. 75c.

1946 King Edward VII (Moonpenny Daisy). Large single flowers of the purest white produced on sturdy well-rounded plants 2 $\frac{1}{2}$ feet high. The graceful blooms are of perfect form and give a splendid display. Pkt. 10c; special pkt. 75c.

1947 May Queen (Spring Marguerite). Attractive, well-branched plants about 2 feet high, covered with a great mass of medium-sized white single flowers. Early and quite hardy. Pkt. 10c; special pkt. 30c.

Cineraria hybrida ^(TP)

Beautiful in the house or conservatory during the spring months. Sow from May to September. After transplanting place in a cold frame facing north. When the pots become full of roots shift into larger ones till the flowering size is reached.

1963 Dreer's Prize Dwarf. Dwarf compact plants, not over a foot high, with immense heads of large flowers in a great range of beautiful colors. Our strain is extra fine. Pkt. 50c; special pkt. \$1.50.

1964 Dreer's Prize Tall. Of taller growth than the above. Has flowers of extraordinary size. Pkt. 35c; special pkt. \$1.25.

1961 Matador. The new large-flowering scarlet which adds considerable life and brilliancy to a collection. Pkt. 50c; special pkt. \$1.25.

1962 Nana multiflora. Compact plants with good heads of small flowers in a wide range of colors. Pkt. 35c; special pkt. \$1.25.

1965 Nana multiflora grandiflora maxima. This new hybrid has the compact habit of nana multiflora, with immense flowers in a complete range of the best colors. Pkt. 50c; special pkt. \$1.50.

1966 Stellata (Star Cineraria). A charming variety with large spreading panicles of starry flowers in many colors. Pkt. 25c; special pkt. 75c.



Single Annual Chrysanthemum

Shasta Daisy—White Marguerites ^(HP)

Chrysanthemum leucanthemum

1948 Alaska. Magnificent daisy-like flowers seldom less than 5 inches across. Broad, pure glistening white, overlapping petals carried on long strong stems. 3 feet. Pkt. 15c; special pkt. 40c.

1950 Shasta Daisy Mixed. A general mixture saved from extra choice hybrids and certain to produce a great variety of free-flowering plants. 3 feet high. Pkt. 10c; special pkt. 30c.



Cineraria maritima

White-Leaved Cineraria ^(HHP)

Dusty Miller

1971 Maritima candidissima. These, as well as the white-leaved Centaureas offered on page 22, are called "Dusty Millers." Fine for bedding, ribbon beds, and margins. Prized for their beautiful downy, silvery foliage; half-hardy perennials, but should be treated as annuals; 2 feet. Pkt. 10c; $\frac{1}{4}$ oz. 25c; oz. 75c.

Clarkia elegans fl. pl. [Ⓐ]

This pretty and easily grown annual has been much improved in recent years and the varieties offered below are now seen as cut flowers in most of the large cities. They do well either in sun or shade, growing 2 to 2½ feet high. The large double flowers will last a long time in water.

- 1981 Alba.** Elegant long spikes closely set with large double white flowers. Pkt. 10c; ¼ oz. 30c.
- 1984 Brilliant.** An exceptionally fine variety with rich crimson-scarlet flowers. Pkt. 10c; ¼ oz. 40c.
- 1982 Salmon Queen.** This lovely salmon-pink shade is particularly fine. Pkt. 10c; ¼ oz. 30c.
- 1983 Vesuvius.** The elegant spikes are closely set with brilliant orange-scarlet flowers. Pkt. 10c; ¼ oz. 30c.
- 1985 Chieftain.** This mauve colored variety gives good color contrast. Very double. Pkt. 10c; ¼ oz. 30c.
- 1986 Purple Prince.** The very double, rich deep purple blooms are most attractive. Pkt. 10c; ¼ oz. 30c.
- 1989 Collection.** One packet each of the six sorts 50c.
- 1990 Double Mixed.** A fine mixture of many beautiful and rich colors. Pkt. 10c; ¼ oz. 25c; oz. 75c.



Clarkia elegans fl. pl.

* Clematis ^{HP} [Ⓢ]

- 2000 Paniculata** (*Japanese Virgin's Bower*). This is one of the best hardy climbers. The leaves are of a bright glossy green, and when in bloom the plant is completely hidden beneath a blanket of white, hawthorne-scented blossoms. Does equally well in sunshine or shade. Perfectly hardy, though the young tender shoots will freeze back in winter. Pkt. 10c; ¼ oz. 25c.



Cleome gigantea

Cleome gigantea [Ⓐ] Giant Spider Flower

- 2002 Rose Queen.** A graceful and impressive hardy annual which grows 3½ to 5 feet tall. The plants are well branched, each branch terminating in a large head of bright rosy crimson blooms followed by long slender seed pods supported by long wiry stems. Splendid for large beds or background planting. Sow outdoors after the weather is settled. Pkt. 10c; ¼ oz. 25c; oz. 75c.

Cobaea [Ⓐ] Cups and Saucer Vine Cathedral Bells

- A climber of rapid growth, attaining a height of 30 to 50 feet during the season; valuable for covering trellises, arbors, trunks of trees, etc. Will cling to any rough surface. In sowing, place seeds *edgewise* and merely cover with light soil. To get early results start the seed indoors in March or April; can also be sown out-of-doors in May.
- 2021 Scandens, Purple.** Large bell-shaped purple flowers. Pkt. 10c; ¼ oz. 25c.
- 2022 Scandens alba.** Light green buds and white flowers. Pkt. 10c; ¼ oz. 50c.



Coleus, Dreer's Hybrid

Coleus—Flame Nettle [Ⓐ]

- 2040 Dreer's Hybrids.** Our strain of hybrid varieties produces the finest colors. Most attractive and novel foliage plants for house or garden culture. Start the seed indoors in March or April. Plant out in late May. Pkt. 25c; special pkt. 75c.
- 2041 Ornatus.** A very large-leaved variety with strikingly handsome, variegated foliage. A splendid plant of the greatest value for all decorative purposes. Pkt. 25c; special pkt. 75c.

Convolvulus major [Ⓐ] Climbing Morning Glories

Deservedly very popular as they are one of the most free-flowering and rapid-growing plants in cultivation, thriving in almost any situation; the beauty and delicacy of their brilliant flowers are unsurpassed. Soaking the seeds in warm water for an hour or two hastens germination; 15 feet.

- 2060 Major, Mixed.** Our mixture includes many beautiful and rich colors. Pkt. 10c; oz. 20c; ¼ lb. 60c.
- 2061 Double Flowering Mixed.** About 80 per cent. of the seedlings will produce double flowers. Many fine colors. Pkt. 10c; oz. 40c.

Imperial Japanese or Emperor Morning Glories are offered on page 39.

Convolvulus minor [Ⓐ] Dwarf Morning Glories

- 2052 Tricolor, Mixed.** Though they are called Dwarf Morning Glories, they remain open all day long in fine weather. Richly colored, handsome dwarf plants, which are not so well known as they should be. They make a fine border or can be grown in masses in beds, producing an unusually brilliant effect. Includes a very large range of colors from pure white to deep purple. 12 inches high. Pkt. 10c; oz. 25c.

Climbers From Seed

We include in our list of seeds an extensive assortment of lovely annual and perennial climbers suited to provide shade for the porch or garden house. They are equally as fine to cover walls, fences, or close off unsightly views. Some reach a limited height only. You will find these offered on the following pages:

Ampelopsis, page 11; **Balloon Vine**, page 17; **Balsam Apple**, page 43; **Balsam Pear**, page 43; **Canary Bird Vine**, page 20; **Cardinal Climber**, page 21; **Clematis**, page 24; **Cobaea**, page 24; **Convolvulus**, page 24; **Cypress Vine**, page 26; **Dolichos**, page 30; **Echinocystis**, page 30; **Gourds**, page 32; **Ipomoea**, pages 21, 24, 26, 29; **Lathyrus**, pages 39, 59, 60; **Momordica**, page 43; **Moonflower**, page 39; **Morning Glory**, pages 24, 39; **Nasturtium**, page 44; **Scarlet Runner Bean**, page 56; **Smilax**, page 57; **Sweet Peas**, pages 59, 60; **Thunbergia**, page 61; **Wild Cucumber Vine**, page 30.



Early Colossal Cosmos

Early Colossal or Midsummer Giant Single Cosmos

Seeds sown in the open ground April 27th produced plants that were covered with bloom July 20th, two months before the late-flowering kinds. By careful selection they now have flowers as large as the late-flowering kinds, and will undoubtedly perfect their blooms in the most northerly States.

	Pkt.	$\frac{1}{2}$ oz.	Oz.
2085 Early Crimson. Very rich.....	\$0 10	\$0 25	\$0 75
2086 Early Pink. A pretty shade....	10	25	75
2087 Early Pure White.....	10	25	75

2089 *Collection* of one packet
each of the 3 colors for 25c.

2090 Early Mixed Colors. Pkt. 10c; $\frac{1}{2}$ oz. 20c; oz. 60c.

Lady Lenox or Autumn Giant

A very showy, tall, late blooming type of Cosmos with extra-large flowers often measuring $3\frac{1}{2}$ inches across. The plants reach a height of 5 to 6 feet and are a mass of color in late fall. Fine for garden display and unsurpassed for cutting.

2092 Giant Crimson. Rich crimson. Pkt. 10c; $\frac{1}{2}$ oz. 25c.	
2093 Giant Pink. Beautiful deep rosy pink flowers of perfect form and largest size. Pkt. 10c; $\frac{1}{2}$ oz. 25c.	
2094 Giant White. The white-flowered form of the above. Pkt. 10c; $\frac{1}{2}$ oz. 25c.	

2099 *Collection* of one packet
each of the 3 colors 25c.

2100 Autumn Giant Mixed. Contains all three colors. Pkt. 10c; $\frac{1}{2}$ oz. 20c; oz. 60c.

New Cosmos—2102 Early Orange Flare

Among the new flowers offered this year for the first time this new Cosmos stands out as a most unusual and remarkable variety because it gives us a Cosmos of a distinct and rich vivid orange color. Its particular value lies in the fact that it is early blooming and may therefore be enjoyed even in northerly sections where the old yellow-flowered Klondyke would not produce blooms. It will bloom within 5 months after sowing. Pkt. 25c; special pkt. 75c.

Cosmos [Ⓐ]

Beautiful summer and autumn blooming plants. They produce thousands of artistic flowers, furnishing an abundance of cut blooms for autumn decorations. Should be sown in spring in the open ground, when danger of frost is past, or the seed may be started under cover and afterwards transplanted. Plant not less than 18 inches apart in rows or in masses in beds. When the plants are about a foot high the tops should be pinched out to induce a bushy growth. They prefer a rather light, not too rich soil, but do well almost anywhere. North of Philadelphia it is safer to use the early flowering type.

Extra-Early Express Cosmos

2074 Pink. An extra-early single Cosmos flowering in from forty-five to fifty days from the time seed is sown. The plants grow about two and one-half to three feet high. They are covered with medium-sized bright pink flowers. Pkt. 15c; $\frac{1}{2}$ oz. 50c.



Early Double Cosmos

Early Double Cosmos

Forms a perfect bush, bearing beautiful double flowers of good size on long stems. A wonderful cut flower. About 60 per cent of the plants come double from seeds. See picture above. Pkt. Special Packet

2076 Carnelia. Rich rosy crimson.....	\$0 20	\$0 60
2077 Peachblossom. Deep rosy pink.	20	60
2078 Whirlwind. Pure white.....	20	60

2079 *Collection* of one packet
each of the 3 colors 50c.

2080 Early Double Mixed. Pkt. 15c; special pkt. 50c; $\frac{1}{2}$ oz. 75c.

Late Double Cosmos

The flowers are very artistic and last for a long time when cut.

	Pkt.	Special Packet
2081 Crimson King. Deep rose-crimson	\$0 15	\$0 40
2082 Pink Beauty. Soft rosy pink....	15	40
2083 White Queen. Pure white.....	15	40

2098 *Collection* of one packet
each of the 3 Late Doubles for 35c.

2084 Late Double Mixed. Pkt. 15c; special pkt. 30c; $\frac{1}{2}$ oz. 50c.

Golden Yellow Cosmos

2101 Klondyke. Golden yellow single flowers borne on long stems. They measure from $2\frac{1}{2}$ to $3\frac{1}{2}$ inches across. To get this variety in bloom before frost in the States north of Virginia it should be grown in pots or boxes, so that the roots are confined. Pkt. 10c; special pkt. 30c.

Coreopsis—Perennial Calliopsis HP

A most useful class of hardy perennials which gives a wonderful mass of large golden yellow flowers during the month of June. Seed may be sown any time from early spring until late summer. Splendid for beds and for cutting.

- 2066 Mayfield Giant.** A new variety of Australian origin. It is considered the finest strain of this popular perennial yet introduced. The plants are taller and more vigorous than the type and the individual flowers are considerably larger and are carried on long stems. The color is a beautiful deep golden yellow. Pkt. 15c; $\frac{1}{4}$ oz. 50c.



Coreopsis lanceolata grandiflora

- 2071 Lanceolata grandiflora.** An old-fashioned favorite with large, showy, bright yellow flowers produced in the greatest abundance from June until late in the season. Grows 30 inches high. Pkt. 10c; $\frac{1}{4}$ oz. 25c.
- 2072 Lanceolata grandiflora fl. pl. (Double-Flowering Coreopsis).** This double and semi-double form is as easy to grow as the singles, the doubling giving an artistic effect to the flowers. Pkt. 15c; $\frac{1}{4}$ oz. 50c.
- 2073 Auriculata superba.** Golden yellow petals with a serrated band of brownish red encircling the golden disc. A splendid flower for the garden and also very valuable for cutting. Pkt. 15c; special pkt. 40c.

Cyclamen TP

- 2130 Dreer's Giant Prize Special Mixture.** Cyclamens are charming house plants with beautiful variegated foliage and richly colored fragrant blooms. They are universal favorites for winter and spring blooming. The seed may be started any time during the summer or autumn. Dreer's Giant Prize Mixture contains an exceptionally wide assortment of beautiful colors including plenty of the rarer and choice shades such as salmon-pink and salmon. Pkt. 35c; special pkt. (100 seeds) \$2.00.

Cynoglossum A

Chinese

Forget-me-not

- 2148 Amabile, Blue.** This annual has been introduced from China only recently. It is of the easiest culture, forming strong plants 18 to 24 inches high and producing throughout the summer large graceful sprays of intense blue forget-me-not-like blooms. Delicately sweet scented. Pkt. 10c; $\frac{1}{4}$ oz. 25c; oz. 75c.
- 2149 Amabile, Pink (New).** This resembles the blue variety in habit of growth and general appearance, but the flowers are a rich deep pink, more striking than the pink Forget-me-not. In moderate climates this plant will live through the winter. Pkt. 15c; $\frac{1}{4}$ oz. 50c.



Cynoglossum amabile

- 2147 Amabile, Fairy Blue.** This new variety has lovely large, well rounded blooms of a beautiful bright Cambridge blue color. In general habit of growth and height it resembles the other varieties growing 18 to 24 inches high and blooming profusely throughout the summer. Pkt. 15c; $\frac{1}{4}$ oz. 50c.

Cypress Vine—Ipomoea Quamoclit A



Cypress Vine

- 2160 Mixed.** A most popular climbing vine with delicate Fern-like foliage and masses of small but very conspicuous star-shaped bright scarlet and also white flowers. Sow in May, first soaking the seed in warm water over night to hasten germination. Climbs about 15 feet high and blooms continuously from midsummer until frost. Pkt. 10c; $\frac{1}{4}$ oz. 20c; oz. 50c.

Ipomoea Quamoclit hybrida, the Cardinal Climber, is offered on page 21.

Dahlias from Seed TP

Though most gardeners plant Dahlia roots there is real fascination in growing them from seed which is the way all new varieties are originated. If the seed is sown early, many of the plants will bloom the same year, and all of them the second year if the roots are stored frost-proof during the winter. Our seed has been selected from the finest plants.

- 2177 Coltness Hybrids (New).** A new form of the dwarf single type which will bloom in 4 months after planting. Splendid for bedding. Includes many fine colors. Pkt. 20c; special pkt. 60c.
- 2182 Giant Perfection.** This strain produces single flowers of truly immense size, measuring 6 inches in diameter. The coloring is particularly varied and rich. A type of great beauty. Pkt. 15c; special pkt. 40c.
- 2196 Double Cactus.** Seed saved from the finest exhibition varieties representing many rich colors, all of true Cactus form. Pkt. 25c; special pkt. 75c.
- 2197 Double Decorative.** Seeds from a superb collection of this beautiful and popular type of Dahlia. You are bound to be pleased with their size and color range. Pkt. 25c; special pkt. 75c.

Dreer's Superb Delphinium Hardy Larkspur **HP** ●

Seed may be sown any time from spring till autumn. Sow in fine soil and cover not deeper than $\frac{1}{2}$ inch. Firm the soil and moisten thoroughly. Keep shaded and moist. Admit a free circulation of air at all times. When after about 20 days the pointed seed leaves appear remove the shade, and when the true leaves appear transplant to their permanent places



Dreer's De Luxe Hybrid Delphinium

Miscellaneous Delphinium **HP**

- 2240 Gold Medal Hybrids.** One of the finest strains of mixed hybrids offered. The plants are of strong, vigorous habit. The large flowers are closely set on spikes two feet long and over, the majority running in the lighter shades of blue. Pkt. 15c; $\frac{1}{4}$ oz. 75c; oz. \$2.00.
- 2219 Belladonna, Improved (Cliveden Beauty).** All experts agree that this strain is a real improvement on the original. It is the most profuse and most continuous blooming of all the Hardy Larkspurs. The clear turquoise blue of its flowers is not equalled for delicacy and beauty. A generous planting should be included in every hardy border. Pkt. 20c; special pkt. 75c; $\frac{1}{4}$ oz. \$1.25.
- 2221 Bellamosum.** This is a rich deep blue form of the popular light blue Belladonna, having the same free-blooming and other good qualities. Pkt. 20c; special pkt. 75c; $\frac{1}{4}$ oz. \$1.25.
- 2225 Chinense, Blue.** A distinct variety growing about two feet high. Has fine feathery foliage and produces freely large blossoms of intense gentian blue. Pkt. 10c; $\frac{1}{4}$ oz. 40c.
- 2224 — album.** The white-flowered form. Pkt. 10c; $\frac{1}{4}$ oz. 40c.
- 2226 — Blue Butterfly, Improved.** Δ Rich ultramarine blue; height one foot, excellent for the rock garden. Pkt. 15c; special pkt. 50c.
- 2227 — Cambridge Blue (New).** A rich clear blue that surpasses Belladonna in brilliance. Habit of growth about two to three feet high. A valuable cut flower. Pkt. 25c; special pkt. 75c.

For Annual
Delphinium,
see Larkspur
page 40

Dreer's De Luxe Hybrid Delphinium **HP**

Produced from the world's choicest named varieties, secured without regard to cost from the most noted European and American specialists. The results obtained are really marvelous. The plants are strong and vigorous. The flower spikes are truly enormous. Every conceivable shade of blue, from the palest lavender to the richest Oxford-blue, as well as a number of pastel or art shades are represented. Fully one-third are double-flowering and mostly with white center or eye, but with a fair percentage having the dark or bee center. A really wonderful strain that is sure to produce results to please the most critical grower of this popular favorite. Every year we receive many most complimentary testimonials about the Dreer's De Luxe Hybrid Delphinium and a noted American horticulturist not so long ago assured us that in his trials with other leading strains it proved by far the best.

- | | |
|--------------------------------------|---|
| 2241 De Luxe Light Blue | } Any of these:
Pkt. 35c;
special Pkt. 75c. |
| 2242 De Luxe Mid-Blue | |
| 2243 De Luxe Dark Blue | |

2249 Collection. One packet each of the 3 colors, 75c.

- 2245 De Luxe Hybrids Choicest Mixed.** Containing all colors from lightest to deepest blue. Pkt. 25c; special pkt. 75c; $\frac{1}{4}$ oz. \$1.25.

Wrexham or Hollyhock-Flowered Delphinium **HP**

Enormous spikes of large single or double blooms in all the glorious shades of blue found only in Delphiniums. The graceful spire-shaped spikes are not unlike Hollyhocks; a truly magnificent strain that appeals to the lover of the finest in flowers.

- | | |
|---|---|
| 2231 Wrexham Art Shades | } Any of these:
Pkt. 50c;
special Pkt. \$1.50 |
| 2232 Wrexham Deep Blue Shades | |
| 2233 Wrexham Light Blue Shades | |
| 2234 Wrexham Mid-Blue Shades | |

2238 Collection of one packet each of the 4 colors, \$1.50.

- 2235 Wrexham Mixed.** Containing all colors. Pkt. 35c; special pkt. \$1.25.



Delphinium Belladonna Improved
(Cliveden Beauty)



Group of Double Annual Pinks

Double Annual Pinks (A)

- 2250 Chinensis fl. pl.** (*China or India Pink*). Very double flowers of many bright colors. They are borne in showy large clusters on strong upright growing plants. Blooms freely throughout the summer. Pkt. 10c; $\frac{1}{4}$ oz. 25c.
- 2254 Diadematus fl. pl.** (*Double Diadem Pink*). Large double blooms in tints of lilac, crimson, purple, etc., with fringed white edges. Pkt. 10c; $\frac{1}{4}$ oz. 30c.
- 2256 Fireball.** Double rich fire red blooms. Often planted together with Snowball for good contrast. Pkt. 10c; $\frac{1}{4}$ oz. 50c.
- 2260 Heddewigi fl. pl. Mixed.** (*Double Japan Pink*). A colorful mixture including everything from the most delicate rose to the richest velvety crimson imaginable. Pkt. 10c; $\frac{1}{4}$ oz. 25c.
- 2272 Lucifer.** Elegantly fringed double blooms measuring 2 inches in diameter. Their color is a dazzling geranium red of great intensity. A universal favorite. Pkt. 15c; $\frac{1}{4}$ oz. 50c.
- 2276 Mourning Cloak** (*White Frill*). Deepest velvety crimson margined with white. Always greatly admired for its unusual color contrast. Very double. Pkt. 10c; $\frac{1}{4}$ oz. 50c.
- 2277 Pink Beauty.** A lovely double variety of Pinks with elegantly fringed petals. The color is a clear and most attractive pure pink. Pkt. 15c; $\frac{1}{4}$ oz. 60c.
- 2281 Salmon King.** A very popular variety with large double salmon-rose blooms. Very showy. Pkt. 15c; $\frac{1}{4}$ oz. 60c.
- 2282 Snowball.** Lovely double balls of purest white. Splendid for cutting or for bedding. Pkt. 10c; $\frac{1}{4}$ oz. 40c.
- 2285 Violet Queen.** An unusual shade of rich violet, different from any of the others. Pkt. 15c; $\frac{1}{4}$ oz. 50c.

2289 Collection of Double Annual Pinks.

One packet each of 6 of the best double sorts. 50c.

Dianthus or Pinks (A & HF)

A magnificent genus, embracing some of the most popular flowers in cultivation. It includes a great variety of brilliant colors and blooms most profusely. The varieties classed as annuals are really biennials but are treated as annuals and may be sown out of doors when the danger from frost is past. In a few weeks' time they are a mass of bloom, continuing so until after hard frost. As a rule, they survive the winter if given slight protection, flowering abundantly the following season. They grow about a foot high and can be used in beds or borders of solid or mixed colors. The double flowering sorts are almost as fine as Carnations for cutting. They are not particular as to soil, but should have a sunny location.

Single Annual Pinks (A)

There are many beautiful varieties among the single annual Pinks and their display value in the garden is not exceeded by any other annuals. Our list of varieties includes the best, and we are sure you will find them very lovely. They are large flowered with blooms measuring 2 to 3 inches in diameter.

- 2301 Crimson Belle.** Elegant large blooms of well-rounded form. The color is a rich velvety crimson—a shade which gives good color contrast with lighter ones. Pkt. 10c; $\frac{1}{4}$ oz. 30c.
- 2302 Eastern Queen.** A very lovely single annual Pink with showy large blooms. Exhibits a beautiful marbled effect of rose and mauve upon a lighter background. Pkt. 10c; $\frac{1}{4}$ oz. 25c.
- 2320 Nobilis** (*Royal Pinks*). These are indeed royal in their splendor and size. The blooms are extra large. They include a wide and beautiful range of colors starting with white and running through all shades to deepest red. Pkt. 10c; $\frac{1}{4}$ oz. 25c.
- 2310 Heddewigi** (*Single Japan Pink*). Excellent for garden display or for cut flowers. Its large single blooms will always make a splendid impression. Our mixture is noted for its many fine colors. Pkt. 10c; $\frac{1}{4}$ oz. 30c.
- 2321 Princess Pinks** (*Punctatus*). A very novel variety with attractively fringed flower petals. They are mottled, flaked, spotted, and striped in the greatest diversity of colors, no two plants producing flowers which are exactly alike. You will find them very attractive and interesting. Pkt. 10c; $\frac{1}{4}$ oz. 40c.
- 2316 Marvelous** (*Oriental Beauty*). This is a very artistic strain of single annual Dianthus. Its large flowers range from pure white to deep purplish red. The flower petals are deeply laminated and cut into fine strips of thread-like fringes. It is an excellent cut flower. Pkt. 10c; $\frac{1}{4}$ oz. 30c.
- 2324 Salmon Queen.** Well formed, nicely fringed flowers of a brilliant salmon changing to a salmon-rose after they have passed their prime. The seeds of this variety are white or yellowish white, while those of other pinks are dark in color. Pkt. 15c; $\frac{1}{4}$ oz. 50c.
- 2325 Vesuvius.** This makes a very attractive bed or border as the brilliant Geranium red blooms sparkle and glisten in the sunlight. It is also fine as a cut flower. Pkt. 10c; $\frac{1}{4}$ oz. 50c.
- 2329 Collection of Single Brilliant Dianthus** containing one packet each of the 6 best single sorts. 50c.

Dianthus hybridus—Sweet Wivelsfield (A & A)

- 2331** This hardy annual Dianthus resembles a large flowering Sweet William. It is distinct in habit and freedom of growth. Its flowers are carried more gracefully in loose heads, well above the foliage, and they have a greater variety of coloring. The predominating colors are reds, pinks, and crimsons. Makes an excellent flower for cutting. Grows about 12 inches in height, and if started in heat in February or early March will bloom continuously from June until October. Sown in the open ground in April or later it will flower late in the summer, or can be sown in summer or autumn for flowering early the following spring. Pkt. 15c; special pkt. 50c; $\frac{1}{4}$ oz. 75c.

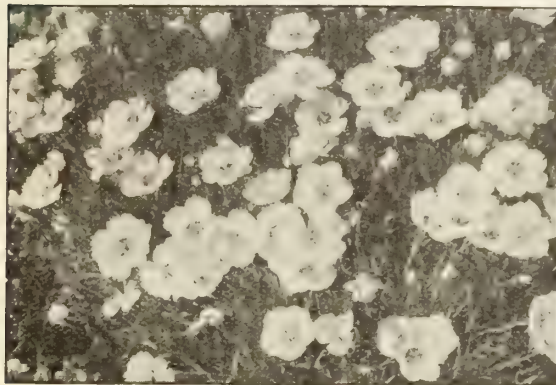
For *Dianthus barbatus* see *Sweet William*, page 61.

For *Hardy Garden Pinks* see next page.

Dianthus—Hardy Garden Pinks HP △

This hardy perennial enjoys the greatest popularity as the plants lend themselves exceptionally well to a number of purposes. They will give a showy bed or border, and are most attractive in the rock garden. Also very fine for cutting.

- 2332 Allwoodi alpinus.** These will bloom the first year from seed. Showy single and semi-double fragrant flowers representing all the colors found in Dianthus. The plants grow 4 to 6 inches high and bloom profusely. Fine for rock gardens. Pkt. 35c; 100 seeds \$1.25.
- 2333 Graniticus.** Another fine rock garden Dianthus of low growth forming a dense carpet covered in May and June with bright crimson blooms. The plants grow about 4 inches high. Pkt. 20c; special pkt. 60c.
- 2334 Deltoides, Brilliant (Maiden Pink).** A charming creeping variety with brilliant carmine flowers in June and July. Fine for the rock garden. Pkt. 15c; special pkt. 60c.
- 2338 Deltoides albus.** A white-flowering form of the above and as beautiful. Pkt. 20c; special pkt. 75c.
- 2335 Caesius (Cheddar Pink).** Attractive dense tufts only a few inches high, studded throughout May and June with rose-pink sweet-scented blooms. Pkt. 15c; $\frac{1}{4}$ oz. 50c.
- 2339 Caesius grandiflorus.** As free-flowering and strong growing as the preceding but with much larger blooms. Pkt. 25c; special pkt. 75c.
- 2336 Plumarius semperflorens (Everblooming Hardy Garden Pinks).** Very beautiful semi-double, double, and single flowers in a great diversity of colors. Delightfully sweet scented. Pkt. 15c; $\frac{1}{4}$ oz. 50c.
- 2337 Plumarius fl. pl. (Double Hardy Garden Pink).** Double and semi-double blooms in many beautiful colors. Very sweet scented. Pkt. 15c; $\frac{1}{4}$ oz. 60c.



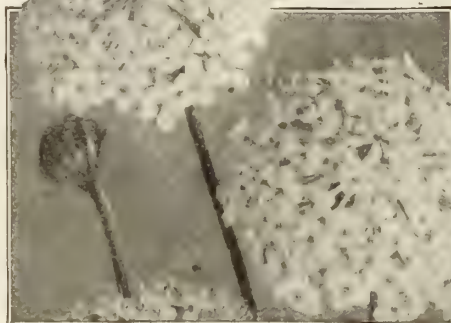
Dianthus plumarius

- 2340 Plumarius (Grass Pinks, Scotch Pink, or Pheasant-Eye Pink).** A beautiful single hardy Pink with fringed edged flowers of various colors. Spicy fragrance. Pkt. 10c; $\frac{1}{4}$ oz. 25c; oz. 75c.
- 2341 Plumarius, Highland Rose Hybrids.** Lovely single flowers having a rich fragrance. The blooms are bright rose with a zone of deeper rosy red. Pkt. 25c; special pkt. 75c.
- 2342 Latifolius atrococcineus fl. pl. (Everblooming Hybrid Sweet William).** This is a cross between an annual Pink and Sweet William, combining the free and continuous blooming qualities of the former with the hardness of the latter. The flowers are of an intense velvety crimson-scarlet. Will flower the first season if sown early. Pkt. 15c; $\frac{1}{4}$ oz. 50c.
- 2343 Latifolius, Double Mixed.** This mixture contains various shades of purple, violet, rose, and velvety crimson-scarlet. Makes a fine display. Pkt. 10c; $\frac{1}{4}$ oz. 40c.
- 2346 Rock Garden Species, Mixed.** A special mixture of 25 rare varieties of hardy Dianthus suitable for the rock garden. Pkt. 25c; special pkt. 75c.

*Dictamnus—Gas Plant HP

- 2348 Fraxinella alba.** A showy hardy border perennial growing about 3 feet in height. It has fragrant foliage and showy flower spikes set with curiously shaped, Spider Plant like, fragrant white blooms. Flowers profusely in June and July. Perfectly hardy but the seed is slow to germinate. Pkt. 15c; special pkt. 50c.
- 2349 Caucasicus rubra.** ● This has the same splendid habit and strong constitution as the above variety but the flowers are a lovely shade of rose-pink with deeper veins. It will do well planted in semi-shade. Pkt. 25c; special pkt. 75c.

All Flower Seeds
are Sent
POSTPAID



Didiscus coeruleus

Didiscus—Blue Lace Flower A

- 2351 Coeruleus.** This pretty and interesting annual blooms most profusely from July till November; also used extensively for early spring flowering in a cool greenhouse. Their exquisite pale lavender blossoms are excellent for cutting; plants grow about 18 inches high, and have as many as 50 flowers open at one time. Pkt. 15c; special pkt. 40c.

Digitalis—Foxglove B ●

Handsome and highly ornamental hardy plants of stately growth, succeeding under almost all conditions, and with but little attention will give a wealth of flowers during June and July. They are now used extensively with good effect for naturalizing in shrubberies, the edge of woods, and other half shady places; 3 to 5 feet. Though they are biennial in character the plants sometimes live for more than two years and they easily self seed.

Gloxiniaeflora. This is a fine strain of the popular Foxglove *D. purpurea*, with handsome spotted Gloxinia-like flowers on long spikes. Makes a splendid showing.

2356 — Purple. Pkt. 10c; $\frac{1}{4}$ oz. 40c.

2357 — Rose. Pkt. 10c; $\frac{1}{4}$ oz. 40c.

2358 — White. Pkt. 10c; $\frac{1}{4}$ oz. 40c.

2360 — Mixed. Pkt. 10c; $\frac{1}{4}$ oz. 30c; oz. \$1.00.

2361 Giant Shirley Mixed. Unquestionably the greatest improvement ever made in Foxgloves. The very vigorous plants attain a height of 5 to 7 feet, with spikes of bloom 4 feet in length, closely set with flowers of unusual size, ranging in color from the purest white to dark rose, handsomely spotted and blotched with crimson, maroon, and chocolate. Seed sown this spring will produce plants that will make a glorious show next season. Pkt. 15c; $\frac{1}{4}$ oz. 50c; oz. \$1.50.

2366 Grandiflora (Ambigua). Elegant graceful spikes closely set with lovely light yellow blooms. Pkt. 10c; $\frac{1}{4}$ oz. 50c.

2368 Lutzi Hybrids. Magnificent plants, 4 feet tall, with lovely salmon flowers. Pkt. 15c; special pkt. 50c.

370 Monstrosa (Mammoth Foxglove). A splendid strain bearing a profusion of long showy flower spikes set with large blooms. Mixed colors. Pkt. 10c; $\frac{1}{4}$ oz. 50c.



Dimorphotheca—African Golden Daisy

Dimorphotheca (A) △

African Golden Daisy, Cape Marigold

2375 Aurantiaca. An extremely showy annual Daisy from South Africa which suits our climatic conditions perfectly. The bushy plants grow 12 to 15 inches high. The flowers, which are 2½ inches and over across, are a unique rich glossy orange-gold with dark disc and halo. These glitter in the sunshine and present a magnificent sight when in full bloom. Seed may be sown in the same way as Asters or Petunias, and should have a dry, sunny position. They bloom the greater part of the summer and fall. Pkt. 10c; ¼ oz. 40c; ½ oz. 65c.

2374 Aurantiaca hybrida. Beautiful new hybrids of the African Golden Daisy and similar in habit to the parent. The flowers are equally as large, but vary in color from pure white through the various shades of yellow and orange to rich salmon shades, many being zoned with several of these colors around the black disc. Pkt. 10c; ¼ oz. 50c; ½ oz. 75c.

Dolichos (A)

Hyacinth Bean

A rapid-growing annual climber with showy pea-shaped flowers followed by ornamental seed pods. Sow in the garden in May where to remain. Grows 10 feet high.

2376 Darkness. This is a favorite climber to cover arbors, trellises, etc. Has large heart-shaped leaves and lovely light purple-violet flowers followed by deep purple pods. A fast grower. Pkt. 10c; oz. 25c.

2377 Daylight. Similar to the above but has white blooms followed by bright green seed pods. Pkt. 10c; oz. 25c.

2380 Lablab, Mixed. A mixture of purple and white. Pkt. 10c; oz. 25c.



Dolichos, Darkness

Dracaena—Dragon Plant (TP)

2386 Indivisa. A beautiful ornamental-leaved plant with graceful, long, narrow green foliage. They are used extensively for center plants in lawn vases and window boxes. Also a fine house plant. Pkt. 10c; ¼ oz. 25c; oz. 75c.

***Echinocystis—Wild Cucumber Vine** (A) ●

2401 Lobata. One of the quickest growing of all annual vines though the seed is somewhat slow to germinate. Excellent for covering trellises, old trees, fences, etc. The bright green foliage always is most attractive and the honey-scented white flowers arranged in graceful trusses add further charm during the summer and early fall. Pkt. 10c; oz. 40c.

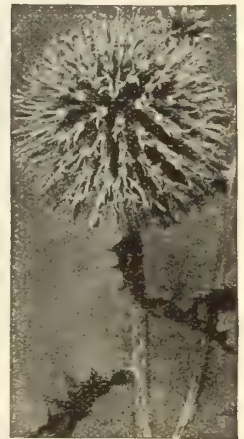


Echinocystis—
Wild Cucumber Vine

***Echinops**

Globe Thistle (HP)

2404 Ritro. Handsome tall plants growing 3 to 5 feet in height. They have attractive thistle-like foliage crowned during the summer with showy globular heads composed of fine steel blue flowers. Splendid for garden display and for cutting. Pkt. 10c; special pkt. 25c.



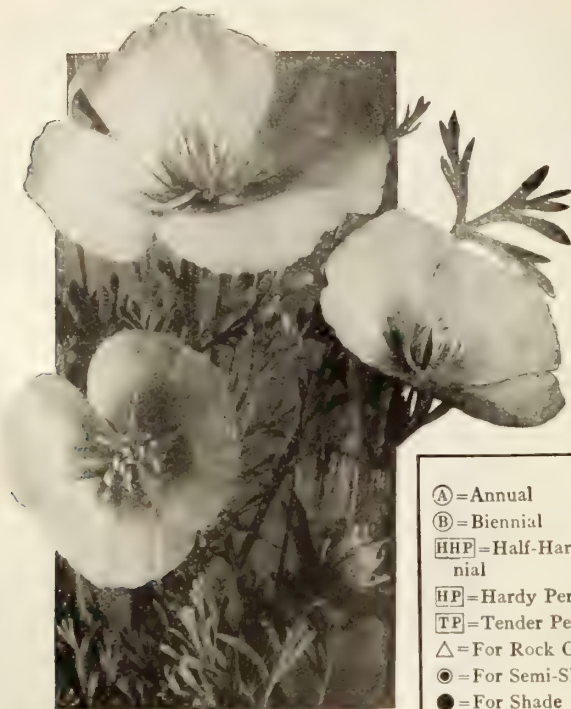
Echinops-Globe Thistle



Eryngium—Sea Holly

***Eryngium—Sea Holly** (HP) △

2408 Amethystinum. A handsome ornamental plant growing 2 to 3 feet high. It has spiny holly-like foliage and thistle-like heads of amethyst blue flowers. Easily dried for winter bouquets. Pkt. 15c; special pkt. 60c.



Eschscholtzias or California Poppies

Eschscholtzia—California Poppies (A) △

This beautiful and brilliant annual has been greatly improved in recent years. Seed may be sown at any time during the spring, the earlier the better, where they are to remain, as they do not stand transplanting. When of fair size thin the plants to stand 6 to 8 inches apart in the row. They will grow nicely and bloom profusely from mid-summer until frost. Give them a sunny position and a moderately heavy soil which, however, should not be too rich. As a subject for beds of any size or as a border, their finely cut, blue-green foliage, and glossy flowers of satin-like texture, make them one of the most desirable annuals. As cut flowers they are very artistic, and when used for this purpose, should be cut when in bud. 1 foot.

- | | | |
|---|---|--|
| <p>2421 Aurantiaca (<i>Orange King</i>). Rich golden orange.....</p> <p>2422 Chrome Queen. Rich chrome yellow.....</p> <p>2425 Crimson King. Rich carmine-crimson.....</p> <p>2426 Geisha. Bright scarlet, inside rich golden orange.....</p> <p>2427 Purple Glow. A bright reddish purple.....</p> <p>2428 Rosy Queen. Soft flesh pink.....</p> <p>2429 Scarlet Beauty. A vivid deep even scarlet. Pkt. 15c; ¼ oz. 50c.</p> <p>2435 Vesuvius. Rich wallflower or coppery red. Pkt. 10c; ¼ oz. 40c.</p> | } | <p>Any of these:
Pkt. 10c;
¼ oz. 25c</p> |
|---|---|--|

2439 **Collection**. One packet
each of the above 8 sorts 60c.

2440 **Single Mixed**. Many fine colors. Pkt. 10c; ¼ oz. 25c; ½ oz. 40c.

2437 **New Hybrids Mixed**. The popularity of Eschscholtzia has been on the increase for many years and this tendency is no doubt due to the great improvement made in this lovely annual flower. These new hybrids are the last word in perfection. They have well-formed large flowers with a lovely silky finish. The blooms are borne abundantly throughout the summer and fall. Most outstanding are the many rich colors such as red, old gold, fiery orange, chestnut red, cream, and many other rich and unusual colors and color combinations. Pkt. 15c; ¼ oz. 50c.

New Eschscholtzia 2423 Dazzler

We should like to see everyone of our customers include this beautiful new Eschscholtzia in his garden, because we know that few other flowers can equal it in brilliance and rich effect. "Dazzler" is a rich flame scarlet—brighter, richer, and more fire-like than most other flowers described as flame color. The blooms are extra large and stand out beautifully against the rich green foliage. It will bloom profusely throughout the summer and fall. Pkt. 15c; ¼ oz. 50c.

Eupatorium HP ●

Thoroughwort, Hardy Ageratum, Mistflower

- 2443 **Coelestinum**. One of the best blue perennials, 18 to 24 inches high. Lovely deep lavender-blue flowers from August until frost. Pkt. 15c; special pkt. 75c.
- 2441 **Fraseri**. A pretty, dwarf variety, 1½ feet high. Has dense clusters of pure white flowers. Pkt. 10c; special pkt. 40c.

Euphorbia (A)

An interesting class of annuals suited for beds and splendid in the mixed border. Also fine for cutting.

- 2452 **Variegata** (*Snow on the Mountain*). Attractive bright green foliage veined and margined with white. Grows 2 feet high. Splendid for cutting but the stem ends require searing in a flame for about 10 seconds before placing in water. Pkt. 10c; ¼ oz. 25c.
- 2451 **Heterophylla** (*Annual Poinsettia Mexican Fire Plant*). This annual which is a relative to the hothouse Poinsettia grows 2 to 3 feet high. The branching plants have smooth glossy green leaves which about midsummer turn to a rich orange-scarlet color. Of striking appearance. Pkt. 15c; ¼ oz. 30c.

Ferns for the House TP

- 2470 **Mixed, Tender Varieties**. Grow your own house Ferns by sowing this seed in a mixture of peat and sand and keep moist and shaded at a temperature of 60 degrees. Includes many choice varieties. Pkt. 15c; special pkt. 75c.



Geranium zonale

Geranium—Pelargonium TP

- 2530 **Zonale Mixed**. These are valuable pot plants to bloom during the winter yet they are equally fine for summer display if planted in beds or borders. Start the seed indoors early and plant into the open during May or June. Our strain is large flowered and contains many colors. Pkt. 15c; special pkt. 60c.

Gaillardia—Blanket Flower

Annual Varieties ^(A)

Showy annuals, remarkable for the profusion, size, and brilliance of their flowers. They bloom continuously from early summer until November. Excellent for beds, borders, and cutting. Sow where to bloom; 1½ feet high.

2496 Picta (Josephus). Lovely large showy blooms in crimson and orange. Pkt. 10c; ¼ oz. 25c.

2498 Picta, Indian Chief. Glistening metallic bronzy red petals around a dark brown center. Very showy and profuse. Pkt. 10c; ¼ oz. 25c.

2500 Picta, Mixed. Single sorts. Pkt. 10c; ¼ oz. 25c.



Gaillardia, Double Flowering Mixed

2497 Double-Flowering Mixed (Lorenziana). Large round double blooms in many colors. Pkt. 10c; ¼ oz. 25c.

Hardy Perennial Gaillardias ^(HP)

Easy to grow, permanent, and exceptionally colorful. If sown early they begin to bloom in July and continue until frost. Fine for cutting; 2 feet.

2504 Burgundy. Lovely wine red flowers carried on long stems. Effective in the border and fine for cutting; 2½ feet. Pkt. 25c; special pkt. 75c.

2507 Portola, Giant Hybrids. Extra large blooms of bright bronzy red tipped with a border of golden yellow; 3 feet. Pkt. 20c; ¼ oz. 75c.

2502 Grandiflora compacta, Mixed. Bushy plants, 12 to 15 inches high. Long-stemmed, colorful blooms. Very showy. Pkt. 15c; ¼ oz. 40c.

2508 Tangerine. Large tangerine-colored flowers borne on plants of compact growth. Pkt. 20c; ¼ oz. 75c.

2510 Grandiflora, Superb Mixed. Crimson and gold in many variations. Pkt. 10c; ¼ oz. 25c.

Gerbera—Transvaal Daisy ^(TP)

2535 Jamesoni hybrida. A most unusual and very beautiful daisy-like flower from South Africa. The individual blooms measure 2 to 4 inches in diameter. They have a small yellow center surrounded by many long, graceful flower petals that come in an amazing number of pretty colors. Splendid for the greenhouse, for cutting, and outdoor beds. Pkt. 25c; 100 seeds 75c.

Geum—Avens ^{(HP) (A)}

2541 Atrosanguineum fl. pl. Showy double deep crimson blooms borne profusely throughout the summer. Grows 18 inches high and makes a splendid display in the dwarf border or rock garden. Pkt. 10c; special pkt. 40c.

2542 Mrs. Bradshaw. Large, double, rich scarlet blooms which give a splendid effect throughout the entire summer. Pkt. 15c; special pkt. 60c.

2543 Lady Stratheden. A new variety with beautiful golden yellow flowers. Pkt. 15c; special pkt. 60c.

Gilia—Queen Ann's Thimble ^(A)

2551 Capitata. This is a very graceful annual growing about 2 feet high with fine feathery foliage. Bears freely over a long season globular heads, about 1 inch across, of rich lavender-blue flowers which last well when cut. Pkt. 10c; ¼ oz. 25c.

Gloxinia ^(TP)

2578 Hybrida grandiflora. A superb genus of greenhouse plants, producing magnificent flowers of the richest colors. Thrives best in an equal mixture of peat, loam, and sand. Sow in March, blooms in 5 months after sowing. Our strain is unsurpassed, containing the spotted hybrids as well as the finest self-colored sorts. Pkt. 50c; special pkt. \$1.50.



Godetia

Godetia—Satin Flower ^(A)

2590 Dwarf Mixed. Attractive hardy annuals, deserving more extensive cultivation, especially in the cooler parts of the country. The plants bloom profusely and bear showy Azalea-like flowers of satiny texture in many rich and varied colors. They do best in a rather poor soil; 1 foot. Pkt. 10c; ¼ oz. 25c.

Gomphrena

Globe Amaranth, Bachelor's Button ^(A)

2570 Mixed. The true "Bachelor's Button." A first-rate bedding plant with flowers that resemble clover heads and can be dried and used in winter bouquets. Very easy to grow doing well even in quite poor soil. Sow the seed in the spring where to bloom and thin to stand 12 inches apart. 2 feet high. Pkt. 10c; ¼ oz. 25c.

Ornamental Gourds ^(A)

Rapid growing, interesting annual climbers, with ornamental foliage and singularly shaped fruit; 15 to 20 feet.

2606 African Pipe or Calabash. The fruit stems are much used in making pipes.	} Any of these: Pkt. 10c; oz. 30c.
2612 Dipper or Siphon.	
2613 Egg-Shaped. White fruit like an egg.	
2614 Hercules' Club. Club-shaped; 4 feet long	
2615 Luffa (Dish-Rag, Sponge, or Bonnet Gourd).	

2617 Pear-Shaped. Striped; very showy.

2619 Spoon. A very odd variety. Pkt. 10c; oz. 50c.

2621 Knob Kerrie. A very ornamental variety, bearing fruit having a slender stem 3 to 5 feet long, with a round knob or ball on the end. Pkt. 10c; oz. 50c.

2629 Collection of the above 8 varieties 60c.

2630 Mixed Varieties. Small and large. Pkt. 10c; oz. 30c.



Pennisetum Ruppelianum

Ornamental Grasses (A) & (HP)

The ornamental Grasses serve the double purpose of rendering the mixed flower-bed or border attractive during the summer and for the use of the spikes or panicles in a dried state in winter bouquets.

Annual Varieties (A)

These are of the easiest culture. The seed may be sown where they are intended to bloom as soon as danger from frost is passed.

2638 Agrostis nebulosa (*Cloud Grass*). An airy and graceful sort, 18 inches high, and looks like a line of mist when in bloom. Pkt. 10c; $\frac{1}{2}$ oz. 50c.

2644 Coix Lachryma-Jobi (*Job's Tears*). Broad, corn-like leaves and hard, shining pearly seeds; 2 feet Pkt. 10c; oz. 20c.

2645 Eragrostis elegans (*Love Grass*). Of erect growth about 18 inches high. Showy feathery panicles, nice for cutting. Pkt. 10c; $\frac{1}{2}$ oz. 25c.

2654 Pennisetum longistylum (*Fountain Grass*). Extremely graceful greenish white plumes. Excellent for bordering beds; 2 feet. Pkt. 10c; $\frac{1}{2}$ oz. 30c.

2655 — Ruppelianum (*Purple Fountain Grass*). Graceful green foliage and purplish plumes unequalled as an edging to Cannas or other tall plants; 3 feet Pkt. 10c; $\frac{1}{2}$ oz. 30c.

2659 Tricholaena rosea (*Ruby Grass*). Attractive pale pink plumes. Two feet in height making it suitable for borders or winter bouquets. Pkt. 10c; $\frac{1}{2}$ oz. 25c.

2669 Collection. One packet each of the above 6 Annual Ornamental Grasses 50c.

Perennial Varieties (HP)

For large beds or groups on lawns nothing gives a finer effect than the Hardy Grasses.

2647 Eulalia zebrina (*Zebra Grass*). Light green, barred with creamy white across foliage; 6 feet. Pkt. 10c; $\frac{1}{2}$ oz. 30c.

2651 Gynierium argenteum (*Pampas Grass*). Silvery white plumes; 5 feet. Pkt. 10c; $\frac{1}{2}$ oz. 25c.

2652 Lagurus ovatus (*Hare's Tail Grass*). Beautiful small white heads or spikes of bloom, excellent for bouquets; 8 to 12 inches. Pkt. 10c; $\frac{1}{2}$ oz. 25c.

2656 Pennisetum japonicum (*Hardy Fountain Grass*). One of the most valuable for beds or specimens. Easily grown from seed, making nice plants the first year; 4 feet. Pkt. 10c; $\frac{1}{2}$ oz. 30c.

2658 Stipa pennata (*Feather Grass*). Delicate white, feathery bloom; 2 feet. Pkt. 20c; special pkt. 60c.

2661 Uniola latifolia (*Spike Grass*). Graceful drooping panicles; 3 feet. Pkt. 10c; $\frac{1}{2}$ oz. 25c.

2668 Collection. One packet each of the above 6 Perennial Grasses 50c.

Grevillea—Silk Oak (TF)

2681 Robusta. A very beautiful and graceful decorative plant with fern-like foliage. Excellent for table decoration; easily raised from seed; producing good sized plants in a short time. Hardy in Florida and California, where it is popular as an ornamental tree. Pkt. 10c; special pkt. 40c.



Gypsophila elegans alba grandiflora

Gypsophila—Baby's Breath (A) & (HP)

Pretty free-flowering plants, succeeding in any garden soil. Their misty white panicles of bloom are largely used for mixing with other cut flowers.

2687 Elegans alba grandiflora (*Paris Market Strain*). (A) This is an improved large-flowering, pure white form of the annual Baby's Breath. Of free, easy growth. Several sowings should be made during the season to keep up a supply; 18 inches. Pkt. 10c; oz. 25c; $\frac{1}{2}$ lb. 75c.

2688 Elegans, Carmine. (A) Bright carmine rose. Superb for cutting. Pkt. 10c; oz. 30c.

2690 Elegans rosea. (A) A pretty blush pink form and equally as valuable for cutting. Pkt. 10c; oz. 30c.

2692 Muralis. (A) Δ An annual sort which forms mounds of green, 6 to 8 inches high, thickly studded with little pink flowers from early in the season till frost; fine for edging. Pkt. 10c; $\frac{1}{2}$ oz. 25c.

2691 Pacifica. (HP) Small pink flowers in panicles borne profusely after the paniculata varieties have passed. Excellent for cutting. 4 feet. Pkt. 25c; special pkt. 75c.

2694 Paniculata. (HP) White flowers, fine for bouquets; one of the favorite hardy perennials. Blooms first year if sown early; 3 feet. Pkt. 10c; $\frac{1}{2}$ oz. 25c; $\frac{1}{2}$ oz. 40.

2695 Paniculata, Double White. (HP) The plants grow from 3 to 3 $\frac{1}{2}$ feet high, bearing pretty, little double white flowers in much-branched panicles which, when cut, can be used to great advantage with other flowers or by themselves as they retain their beauty for months. Pkt. 25c; special pkt. 75c.

2693 Repens. (HP) Δ An elegant hardy trailing plant for the rockery. Has clouds of small white flowers in July and August. Pkt. 15c; special pkt. 40c.

2697 Repens rosea. (HP) Δ Same habit of growth as above; flowers pale rose. Pkt. 15c; special pkt. 50c.

Annual Flowers for Poor Soil

The following annuals will give a profusion of blooms even in quite poor soil: Clarkia, Godetia, Ice Plant, Kochia, Nasturtium, Portulaca, Snapdragons, Snow on the Mountain, Sweet Alyssum, and Verbena.



Improved Large-Flowering Salpiglossis—Painted Tongue ①

3920 Finest Mixed Colors

A splendid mixture of these showy annuals blooming during the summer and fall. Give them good soil and a sunny position. 24 to 30 inches high. Pkt. 10c; $\frac{1}{4}$ oz. 50c; oz. \$1.50.

3912 Crimson

3913 Primrose

3914 Purple and Gold

3915 Rose and Gold

3916 Scarlet and Gold

3917 White and Gold

Any of the above: Pkt. 10c; special pkt. 50c; $\frac{1}{4}$ oz. 75c.

3919 Collection of Salpiglossis

One pkt. each of the above six sorts 50c.

3918 Collection of Salpiglossis

One special pkt. each of the above six \$2.50.

Dreer's Double Lilliput or Pompon ZINNIAS[®]

A Lovely, Free-Flowering Type for Beds, Borders, and for Cutting



These lovely, small flowering Zinnias have a charm all their own. They have become exceedingly popular because they are useful for garden display where a dwarf colorful border or bed is wanted. But they are even more popular for cutting. The densely double flowers are carried on long stems which hold them well above the rich green foliage.

4530 Finest Mixed

The wide range of colors available in this lovely free flowering type of Zinnias makes this mixture most outstanding. The plants carry a lavish profusion of blooms. Pkt. 10c; $\frac{1}{4}$ oz. 40c; $\frac{1}{2}$ oz. 65c; oz. \$1.25.

- 4522 Canary Yellow (A)
- 4523 Crimson Gem (B)
- 4524 Flesh Pink (C)
- 4525 Golden Orange (D)
- 4526 Salmon-Rose (E)
- 4527 Scarlet (F)
- 4528 White (G)

Any of the above:

Pkt. 10c; $\frac{1}{4}$ oz. 50c; oz. \$1.50.

4529 Collection of Dreer's Lilliput or Pompon Zinnias

One packet each of the lovely seven colors for 50c.

4531 Collection of Dreer's Lilliput or Pompon Zinnias

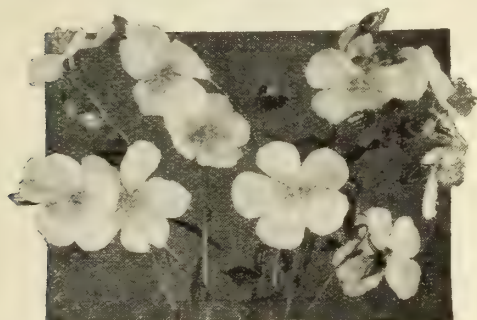
$\frac{1}{4}$ oz. each of the showy seven colors illustrated \$2.50.



Helium—Helen's Flower

Helium—Helen's Flower **HP** **©**

- 2713 Riverton Gem.** A very showy, hardy perennial growing 3 feet tall. It has beautiful flowers which open old gold and change to a rich Wallflower red as they mature. The plants are a mass of color during late summer and fall. Vigorous and perfectly hardy. Pkt. 20c; special pkt. 75c.



Helianthemum mutabile

Helianthemum—Rock or Sun Rose **HP** **△**

- 2717 Mutabile.** Exceedingly pretty, low growing, evergreen plants about 12 inches high, forming broad clumps, and which during their flowering season, June to July, are quite hidden by a mass of bloom. Well adapted for the front of the border, the rocky, or a dry, sunny bank. Choice mixed varieties. Pkt. 10c; special pkt. 30c.

Heliotrope—Cherry Pie **TP**

This is a fine tender perennial flowering during the whole season. Many gardeners, however, use it as an annual bedding plant. Seed started indoors in the spring will make fine plants for summer blooming. Also fine for pots.

- 2733 Queen Helene.** Pale blue. Pkt. 15c; special pkt. 75c.
2734 Roi des Noirs (*King of the Blacks*). Deep purple, appearing as a rich purple-black. Pkt. 15c; special pkt. 75c.
2737 Lemoine's Giant Mixed. Very large and showy flower heads in many colors. Pkt. 15c; special pkt. 50c.
2736 Regal Mixed. A new variety with gorgeous flower heads. Of dwarf compact growth. Pkt. 15c; special pkt. 50c.

Helianthus—Sunflowers **A** & **HP**

Remarkable for the stately growth, size, and brilliancy of their flowers, making a very good effect among shrubbery and for screens. The annual sorts are indispensable for cutting. Sown in a sunny spot in April or May they come into bloom early in summer and keep up a constant supply of flowers until cut down by frost. The small-flowered varieties are extra fine for cutting.

- 2699 Cucumerifolius, Stella.** (*Improved Miniature Sunflower*).

(A) Differs from the type by its larger and better formed flowers of the purest golden yellow, with black disc. The blooms measure 3 inches across. 5 ft. Pkt. 10c; $\frac{1}{4}$ oz. 25c.



New Miniature Sunflowers

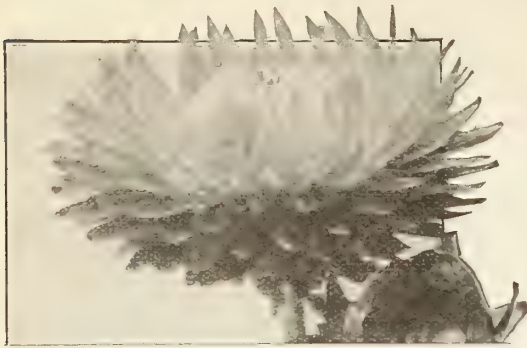
- 2700 —New Miniature Mixed.** **(A)** The prevailing colors in this splendid mixture are pale yellow, golden yellow, and creamy white, some with black centers, and all very beautiful. They are indispensable for cutting. 4 feet. Pkt. 10c; $\frac{1}{4}$ oz. 25c.
2702 Red Hybrids **(A)**. The nearest approach to a real red yet introduced. The flowers vary in size and color, running through several shades of tawny yellow to rich brownish red. 4 to 6 feet. Pkt. 10c; $\frac{1}{4}$ oz. 25c.
2703 Double Chrysanthemum-Flowered **(A)**. A very fine variety growing 7 feet high carrying very large and showy, densely double blooms which resemble a huge Chrysanthemum or Dahlia in their exquisite form. The flowers are made up of thousands of graceful, rich golden yellow petals. Pkt. 10c; oz. 30c.
2704 Globosus fistulosus **(A)** (*Globe or Dahlia Sunflower*). Large, double flowers of a rich saffron color. Fine for the background. 6 feet. Pkt. 10c; oz. 30c.

Hardy Perennial Sunflowers

- 2710 Mixed** **HP**. Contains the finest single-flowering hardy perennial sorts. Seed sown early will produce flowering plants the first year. Splendid for the hardy border as well as for cutting. They grow from 4 to 7 feet high, blooming in the fall. Pkt. 15c; special pkt. 60c.

Annual Flowers Which Like Lime Soil

Most annual flowers prefer a neutral soil, though they do equally well if it is just slightly acid. Those which require lime to grow to perfection are: Amaranthus, Dianthus, Hunemannia, Momordica, Mignonette, Stocks, and Wallflower.



Helichrysum—Strawflower

Helichrysum—Strawflower (A)

Monstrosus fl. pl. One of the best of "Everlastings." Exceedingly effective double flowers in rich glittering colors, making a fine display in beds or borders, but especially grown to dry and use in baskets and vases through the winter. When wanted for this purpose they should be cut with as long stems as possible, and when the blooms are about one-third open take off all foliage. Tie in bunches and hang head downwards in some dark, dry place until cured. They succeed in any good garden soil. Plant not closer than 12 inches apart; 2½ feet.

- | | |
|--|--|
| 2721 Buttercup. Rich buttercup yellow..... | } Any of these:
Pkt. 10c;
¼ oz. 30c. |
| 2722 Fireball. Bright red..... | |
| 2723 Goldenball. Golden yellow..... | |
| 2724 Violet Queen. Rich violet..... | |
| 2725 Silver Ball. Glistening white..... | |
| 2726 Rose Queen. Rich deep rose..... | |
| 2727 Salmon. Effective rosy salmon..... | |
| 2728 Silvery Pink. Silvery cameo pink..... | |

2729 Collection. One packet
each of the 8 colors. 60c.

2730 Mixed Colors. Pkt. 10c; ¼ oz. 30c; oz. \$1.00.



Heliopsis scabra zinniaeflora

Heliopsis—Orange Sunflower (HP)

2731 **Pitcheriana.** A very desirable plant, growing from 3 to 4 feet high. Begins to flower early in the season and continues through the entire summer. The flowers are of a beautiful deep golden yellow color. They are 2 inches in diameter. Splendid for the garden and for cutting. Pkt. 10c; ¼ oz. 30c.

2732 **Scabra zinniaeflora.** A new double-flowering form bearing golden yellow Zinnia-like flowers. In addition to being a very showy plant in the hardy border it also is one of the finest perennials for cutting. The plants are perfectly hardy developing into heavy clumps in a short time. Pkt. 15c; ¼ oz. 50c.

Hesperis, see Sweet Rocket page 58.

Heuchera—Coral Bells, Alum Root (HP) (A) (C)

2761 **Sanguinea.** One of the finest hardy perennials. The flowers are of a rich bright coral red color. The leaves are light green and slightly hairy. Excellent for cutting; 30 inches. Pkt. 25c; special pkt. 75c.

Giant-Flowering Hibiscus (HP)**Marshmallow or Rosemallow**

A wonderfully improved form of our native Marshmallow or Rosemallow in which flowers of enormous size, frequently 10 to 12 inches in diameter, have been developed. The plants grow from 5 to 8 feet high and are very floriferous, blooming from early in July until late in autumn. They are perfectly hardy. The seed we offer has been saved from our own plants.

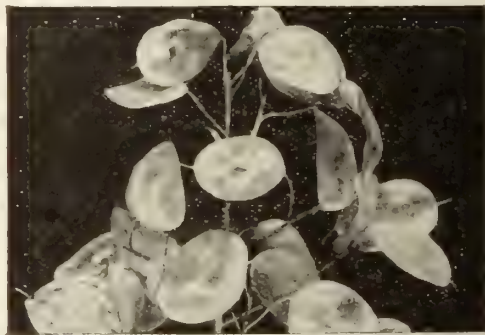
- | | |
|------------------------------|--|
| 2776 Dark Red..... | } Any of these:
Pkt. 10c;
¼ oz. 30c. |
| 2777 Mallow Pink..... | |
| 2778 Pure White..... | |
| 2774 Rose..... | |
| 2775 White, Crimson Eye..... | |

2779 Collection. One packet
each of the 5 colors. 35c.

2780 Mixed Colors. Pkt. 10c; ¼ oz. 25c; oz. 75c.

Hibiscus—Marshmallow (HP)

2773 **Giant Yellow or Golden Bowl.** Showy ornamental plants for mixed beds or shrubby borders. Flowers from 6 to 9 inches diameter; of a rich deep cream with a velvety maroon center. Can be wintered over with protection. Pkt. 15c; ¼ oz. 40c.



Honesty—Moonwort

Honesty—Moonwort (B) (C)

2801 **Lunaria biennis alba.** A hardy biennial admired for its silvery seed pouches which are used for house ornaments as they present a beautiful and rather curious appearance. Particularly attractive when combined with the seed pods of *Physalis Francheti*. Lovely large white flowers. 3 ft. Pkt. 10c; ¼ oz. 30c.

Hunnemannia (A)

Giant Yellow Tulip Poppy, Santa Barbara Poppy, or Bush Eschscholtzia

2821 **Fumariaefolia.** This is by far the best of the Poppy family for cutting, remaining in good condition for several days. Seed sown early in May will, by the middle of July, produce plants covered with large buttercup yellow Poppy-like blossoms, and never out of flower until hard frost. The plants grow about 2 feet high. They are quite bushy and have beautiful, feathery, glaucous foliage. Pkt. 10c; ¼ oz. 25c; oz. 75c.

2469 Collection of Everlasting Flowers

To meet the great demand for these showy flowers to serve as winter bouquets we have made up this special collection containing one packet each of the following 8 varieties; *Acroclonium*, Double Mixed; *Ammobium alatum*; *Globe Amaranth*; *Helichrysum*, Mixed; *Rhodanthe*, Mixed; *Statice Bonduelli*; *Statice sinuata*, True Blue; and *Xeranthmum*, Mixed. All for.....

50c

Hollyhock—*Althaea rosea* **HP** ●

One of the most majestic of hardy plants, 5 to 7 feet high, and a clump or line in any garden gives an effect not attainable with any other plant. For planting among shrubbery or forming a background for other flowers, it is without equal. Seed sown any time before midsummer will produce fine plants for flowering next year. Hollyhock Rust may be prevented by spraying with Nursery Volck, Qua-sul, or Bordeaux, see page 195.

Double Varieties

The seed offered under this heading has been saved from the finest double flowers and is sure to produce strong plants with beautiful double blooms.

2782 Maroon	} Any of these: Pkt. 10c; special pkt. 50c; ½ oz. 75c.
2783 Bright Rose	
2784 Bright Red	
2785 Salmon-Rose	
2786 White	
2787 Yellow	

2788 **Collection.** One packet each of the above 6 colors. 50c.

2790 **Extra Choice Double Mixed.** Pkt. 10c; special pkt. 40c; ½ oz. 60c.

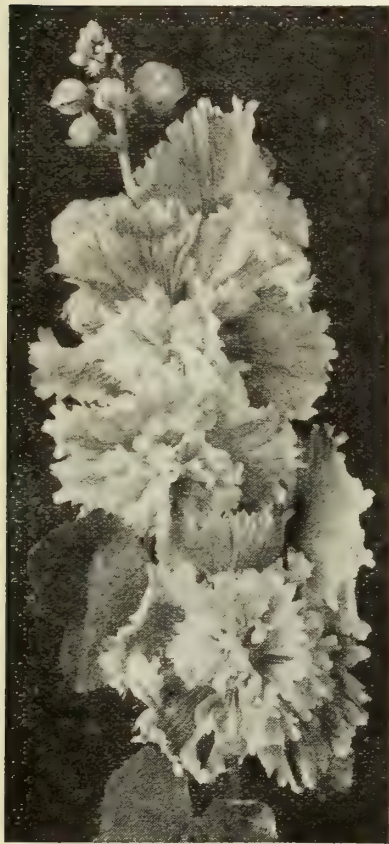
2800 **Single Mixed.** Lovely large colorful blooms closely arranged on stately spikes 6 feet tall or more. Easy to grow and very showy. Pkt. 10c; ½ oz. 25c; oz. 75c.

2791 **Newport Pink.** A magnificent Hollyhock, awarded a Certificate of Merit by the Royal Horticultural Society of England, an unusual honor. It is the finest pure pink, an exquisite shade, and flowers always are very double. Pkt. 15c; special pkt. 50c; ½ oz. 75c.

2789 **Orange Prince (New).** Strikingly beautiful, double flowers of a brilliant orange shade; Pkt. 15c; special pkt. 60c; ½ oz. \$1.00.

2810 **Triumph (New).** A beautiful and distinct new strain of double Hollyhock, of distinct branching habit and growing 4 to 5 feet high. It comes into bloom fully 10 days earlier than the regular type of Hollyhock. The blooms are not only double but the individual petals are attractively waved and fringed giving the flowers a bright, showy, and attractive appearance. Pkt. 15c; special pkt. 60c.

2792 **Imperator (New).** A most interesting new variety with gorgeous mammoth blooms measuring 5½ to 6½ inches in diameter. The wide outer petals are elegantly frilled and deeply fringed, whereas the center petals form a very double rosette so that the flower greatly resembles a huge crested Begonia. There are many choice color combinations such as cerise-salmon with cream center, delicate pink with yellow, and many others. Pkt. 20c; special pkt. 60c; ½ oz. \$1.00.



Hollyhock Imperator

Iberis—Hardy Candytuft **HP** △ ●

2824 **Gibraltarica hybrida.** Lovely large white flowers shading to lilac. Blooms during the spring, is perfectly hardy, and grows 12 inches high. A great favorite. Pkt. 10c; ½ oz. 50c.

2825 **Sempervirens.** Showy white blooms covering the plants in spring. 1 foot. Pkt. 15c; special pkt. 60c.



Iberis sempervirens

For Annual Iberis see Candytuft page 20

Ice Plant **△** △

Mesembryanthemum

The Mesembryanthemums are a very large class of plants including many different forms. These annual varieties are all most attractive. The variety Crystallinum is grown for its attractive foliage but the other two have large colorful blooms which give a splendid display in the garden.

2831 **Crystallinum (Ice Plant).** This deserves the name Ice Plant more than most others because the leaves look as if frosted with ice. The flowers are rather small and inconspicuous. Pkt. 10c; ½ oz. 25c.

3139 **Crinifolium (Livingstone Daisy).** A beautiful and easily grown annual of spreading habit covered with large, daisy-like flowers in a wonderful range of bright and varied colors. Pkt. 25c; special pkt. 75c.

3140 **Tricolor (Dew Plant).** Charming daisy-like blooms combining crimson, pink, and white into an attractive large flower that gives a colorful display. A fine subject for banks and the rock garden. Pkt. 15c; special pkt. 50c.



Impatiens

Impatiens **△** ●

Sultan's or Zanzibar Balsam

Few flowers are as easy to grow as this tropical African plant which is splendid for garden display in the semi-shade and may be had in bloom in the house throughout the summer and winter.

2842 **Sultani.** Lovely large blooms of a brilliant rosy scarlet. Grows 18 inches high and makes a well rounded, much branched plant. Pkt. 25c; special pkt. 75c.

2845 **Holstii, Hybrids.** Includes many fine colors ranging from pure white to rich scarlet. 18 in. Pkt. 25c; special pkt. 75c.

Incarvillea—Hardy Gloxinia **HP** ●

2848 **Delavayi.** An interesting and showy plant for the hardy border but requires protection where winters are cold. The large, Gloxinia-like, rose colored flowers are borne during June and July on stems 15 to 18 inches long. Does well in sun or shade. Pkt. 25c; special pkt. 75c.

Ionopsidium

Diamond Flower—**△** ●

2850 **Acaule.** An old time favorite which again is becoming very popular for use in rockeries. It is a lovely miniature plant of rapid growth covered with dainty pale lilac flowers. Prefers a damp shady situation. Pkt. 15c; special pkt. 60c.

Ipomoea—Moonflowers and Morning Glories ①

Climbers of rapid growth with beautiful and varied flowers. Fine for covering walls, trellises, arbors, or stumps of trees. Soak the seed in warm water over night to assist in rapid germination.

- 2853 Grandiflora** (*Moonflower*). At night and on dull days the plants are covered with large, pure white, fragrant flowers, 5 to 6 inches in diameter. It grows very rapidly and will cover a large surface. Pkt. 10c; $\frac{1}{2}$ oz. 30c; oz. 50c.
- 2158 Quamoclit hybrida** (*The Cardinal Climber*). The well-known climber with scarlet blooms. Pkt. 15c; $\frac{1}{4}$ oz. 50c.
- 2854 Rubro-coerulea** (*Heavenly Blue*). Beautiful flowers of bright sky blue. Pkt. 15c; $\frac{1}{4}$ oz. 50c.
- 2857 Heavenly Blue, Improved Early Flowering** (*New*). This splendid Moonflower has glorious large blooms measuring $4\frac{1}{2}$ inches in diameter. They are an intense sky blue color shading to white in the throat. The blooms remain open until noon. Its extra early flowering habit makes it particularly valuable in sections where other Moonflowers are too late. We feel sure that our customers will be most favorably impressed with it for it truly is lovely. Pkt. 20c; $\frac{1}{4}$ oz. 75c.
- 2855 Setosa** (*Brazilian Morning Glory*). Flowers of pleasing rose color, borne very freely in large clusters. As a quick growing vine it has no equal, covering an enormous space in a short time. Pkt. 10c; oz. 50c.
- 2856 Rose Marie** (*New*). An early, free flowering, double form of Ipomoea. Flowers are a beautiful shade of deep rose of double and semi-double form. Pkt. 15c; special pkt. 30c; $\frac{1}{2}$ oz. 75c.



Imperial Japanese Ipomoea

2880 Mixed Imperial Japanese (*Emperor Morning Glories*).

These are beyond question the handsomest of all Morning Glories. Of the easiest culture, can be sown in the open ground in a sunny situation when the weather has become warm and settled. They soon cover a large area, and even before flowering are decidedly interesting on account of the varied forms of the foliage and their markings. The flowers are of gigantic size and their colorings beyond description. The self or solid colors range from snow white to black-purple with all the possible intermediate shades; there is also an endless number of variegated flowers. Pkt. 10c; oz. 30c.

*** Japanese Iris—Iris Kaempferi** ① ②

- 2890 Mixed.** The seeds we offer have been saved from an unrivalled collection and should produce plants of the highest merit. Blooms the second year from seed. Pkt. 10c; $\frac{1}{4}$ oz. 50c.



Kochia—Standing Cypress

Kochia—Standing Cypress, Belvedere ①

- 2911 Improved Trichophylla** (*Childs*). An easily-grown annual, which, sown thinly in spring, soon forms a cypress-like hedge of the most lively green and of perfect symmetry. By mid-summer it attains a height of about 3 feet and late in the autumn the whole plant becomes a deep red. Splendid to divide the vegetable from the flower garden, or for forming a hedge for the summer. Pkt. 10c; $\frac{1}{4}$ oz. 20c; oz. 50c.

Lantana ① ②

One of the most desirable half-hardy perennial greenhouse or bedding plants, constantly in bloom; Verbena-like heads of orange, white, rose, and other colored flowers; 2 to 3 feet. Slow germinating.

- 2920 Finest Mixed.** Includes many colors and blooms very early. Height 2 feet. Pkt. 10c; $\frac{1}{4}$ oz. 30c.
- 2919 Dwarf Large Flowering Mixed.** Not as tall as the above but as free flowering. Pkt. 10c; $\frac{1}{4}$ oz. 40c.

Lathyrus—Hardy Sweet Peas ① ②

Showy, free-flowering hardy perennial climber for covering old stumps, fences, etc., continually in bloom; fine for cutting. 5 to 6 feet.

- 2954 Latifolius "White Pearl."** White. Pkt. 10c; $\frac{1}{4}$ oz. 40c.
- 2955 — Pink Beauty.** Rosy pink. Pkt. 10c; $\frac{1}{4}$ oz. 40c.
- 2956 — Red (Splendens).** Pkt. 10c; $\frac{1}{4}$ oz. 40c.
- 2960 — Mixed Colors.** Pkt. 10c; $\frac{1}{4}$ oz. 25c; oz. 75c.



Lavatera splendens, Sunset

Lavatera—Annual Mallow ① ②

- 2975 Splendens alba.** Beautiful large white flowers with a lovely satiny finish. Pkt. 10c; $\frac{1}{4}$ oz. 25c.
- 2976 Splendens, Sunset.** A very beautiful and showy annual, 3 to 4 feet high, with large blossoms of satiny rosy carmine. Pkt. 10c; $\frac{1}{4}$ oz. 25c.

Lavender—Lavandula vera ① ②

- 2971** Well-known, sweet-scented, hardy perennials; should be extensively grown in the mixed border or larger rock garden; $1\frac{1}{2}$ feet. Pkt. 10c; $\frac{1}{4}$ oz. 50c.

Annual Larkspur—*Delphinium* (A)

Giant Imperial Larkspurs

A new type of the annual Double Larkspur and a wonderful improvement on the old stock-flowered type, being of upright base-branching habit which makes it of particular value for cutting.

	PKT.	¼ oz.
2941 Blue Spire. Intense deep Oxford-blue.....	\$0 15	\$0 50
2942 Carmine King. Rich carmine on salmon.....	15	50
2943 Daintiness. Delicate lavender.....	15	50
2949 Gloria. A rich tone of deep rose.....	15	50
2944 Lilac Spire. Beautiful lilac color.....	15	50
2945 Miss California. Deep pink, shaded salmon.....	15	50
2952 The Empress Improved. Salmon-rose.....	15	50
2946 White Spire. A dazzling pure white.....	15	50

2948 Collection. One packet
each of the above 8 colors, 90c.

2950 Giant Imperial Mixed. Pkt. 15c; ¼ oz. 40c; oz. \$1.25.

2951 Blue Bell (New). Lovely deep sky blue. Pkt. 25c; special pkt. 50c;
¼ oz. 75c.

Double Stock-Flowered

This is one of the best known of garden flowers. Seeds sown in the open ground before the close of April will produce blooming plants by early July and give a continuous succession of flowers until frost. Handsome for beds and borders. Also fine for cutting. 3 feet.

	PKT.	¼ oz.
2931 Dark Blue.....	\$0 10	\$0 25
2932 Ageratum Blue.....	10	25
2933 Lustrous Carmine or Newport Pink.....	10	25
2934 Exquisite Rose.....	10	40
2935 Sky Blue.....	10	25
2936 Exquisite Pink Improved. A charming soft pink.....	10	50
2937 Pure White.....	10	25

2938 Collection. One packet
each of the above 7 colors, 50c.

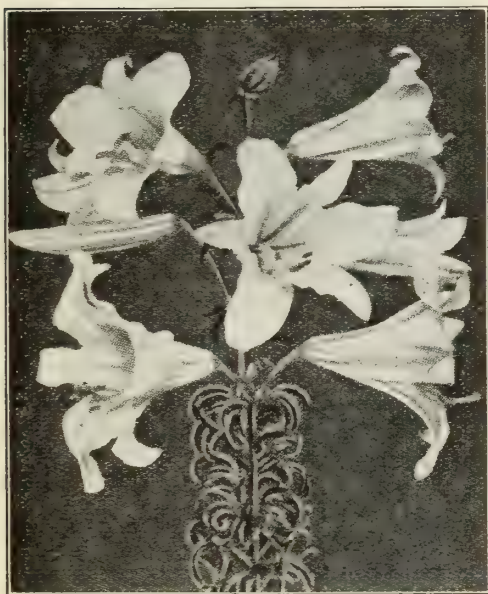
2940 Finest Mixed. All colors. Pkt. 10c; ¼ oz. 20c; oz. 60c.

2928 Rosamond (New). Pure bright rose. Pkt. 25c; special pkt. 60c; ¼ oz.
\$1.00.

Emperor Larkspur

2922 Pink Delight. A lovely type of dwarf pyramidal growth about 24 inches high with flower spikes of a lovely soft rose-pink which completely cover the plants. Pkt. 10c; ¼ oz. 40c.

For Hardy Larkspur, see
Delphinium, page 27



Lilium regale



Giant Imperial Larkspur

Leptosiphon—Star Dust (A) △

2980 Hybridus, Mixed. This is a charming little annual splendid for dwarf beds, borders, and unexcelled in the rock garden. The plants grow 3 to 5 inches tall forming dense cushions studded with dainty star-like flowers ranging from cream to deep scarlet. Pkt. 10c; ¼ oz. 25c.

Leptosyne—Yellow Daisy (A)

2979 Stillmani. A quick growing annual which will bloom 5 weeks after sowing. Has lovely showy Cosmos-like blooms of an intense and pleasing golden yellow color. Splendid for beds, borders, and for cutting. 1½ feet high. Pkt. 10c; special pkt. 40c.

Liatris—Blazing Star, Gay Feather (HP)

2982 Pycnostachya. A showy and attractive hardy perennial growing 3 to 4 feet high. The long, cat-tail flower stems are densely covered with fuzzy rosy purple blooms from July to September. Splendid for the border and for cutting. Pkt. 10c; special pkt. 40c.

Lilium—Lilies (HP) ●

2987 Philippinense formosanum. A magnificent Lily easily grown from seed. Has large umbels of beautiful, long, trumpet-shaped, fragrant white blooms shaded pink on the outside. Blooms in 6 to 8 months. 3 ft. Pkt. 25c; special pkt. 75c.

2988 Regale (Regal Lily). One of the most beautiful of all garden Lilies. Grows 3 to 5 feet high and blooms in July. The ivory white flowers are shaded pink on the outside and have a yellow throat. Pkt. 15c; ¼ oz. 50c.

2989 Tenuifolium (Coral Lily) △. Very easy to grow from seed blooming the second year. Bears a profusion of medium sized, dazzling coral-red flowers in May. Of sturdy dwarf habit and therefore valued for borders and rock garden planting. Perfectly hardy, growing 2 feet high. Pkt. 25c; special pkt. 50c.

Special Offer: One packet each of the three
beautiful Lilies described above for 50c.

Linaria (A) & (HP) (A)

- 2991 Cymbalaria** (*Kenilworth Ivy* or *Mother of Thousands*). (HP) (A) A charming neat hardy perennial trailing plant with lavender and purple flowers. Pkt. 15c; special pkt. 50c.
- 2992 Marocana, Excelsior Hybrids.** (A) A dainty easy-to-grow annual bearing small spikes like miniature Snapdragons in yellow, crimson, pink, purple, etc. Fine for the rock garden. 12 inches. Pkt. 10c; $\frac{1}{4}$ oz. 25c.

Linum—Flax (A) & (HP)

- 3001 Grandiflorum coeruleum** (*Blue Flax*) (A). This is similar in habit to the popular Scarlet Flax but the color of the blooms is a lovely and rich bright blue. Pkt. 10c; oz. 30c.
- 3002 Grandiflorum rubrum** (*Scarlet Flax*) (A). Very showy crimson-scarlet blooms all summer long. 15 inches. Pkt. 10c; oz. 30c.



Linum perenne, Blue

- 3003 Perenne, Blue** (HP). A splendid free-flowing hardy Flax with large, rich blue flowers during the summer. 24 inches. Pkt. 10c; $\frac{1}{4}$ oz. 25c.

- 3005 Flavum** (HP). The showy yellow blooms are produced continuously from June until September on plants growing 24 inches high. Pkt. 15c; special pkt. 60c.

Lobelia (A) & (HP)

- 3012 Crystal Palace compacta.** (A) (A) Rich deep blue flowers; dark foliage. 4 inches. Pkt. 10c; special pkt. 60c.
- 3015 Blue Stone** (*New*). (A) (A) Dwarf plants; clear blue flowers. Very fine for beds. Pkt. 15c; special pkt. 75c.
- 3016 White Gem.** (A) (A) Snow white. Pkt. 15c; special pkt. 60c.
- 3018 Mrs. Clibran.** (A) (A) Blue with large white eye. Of extra dwarf growth. Pkt. 15c; special pkt. 75c.
- 3022 Gracilis.** (A) (A) Lovely light blue flowers; light green foliage. Trailing; 9 inches. Pkt. 10c; special pkt. 25c.
- 3023 Speciosa.** (A) (A) Rich ultramarine blue flowers; bronzy foliage. Trailing; 9 inches high. Pkt. 10c; special pkt. 30c.
- 3024 Tenuior.** (A) Of upright habit, growing 15 inches high. Bears a profusion of extra large, cobalt blue flowers. Very outstanding. Pkt. 15c; special pkt. 75c.
- 3030 Mixed Compacta Varieties.** (A) (A) Pkt. 10c; special pkt. 40c.
- 3031 Cardinalis** (*Cardinal Flower*). (HP) (A) A hardy native variety bearing a profusion of fine tall spikes covered with brilliant scarlet blooms. Grows about 3 feet tall and is splendid for the perennial border. Pkt. 25c; special pkt. 75c.
- 3033 Syphilitica** (*Great Lobelia*) (HP) (A). Our native Lobelia with large spikes set with lovely blue flowers from July to September. 2 to 3 feet. Pkt. 25c; special pkt. 75c.

Lychnis—Rose Champion, Maltese Cross (HP)

- 3063 Arkwrighti.** Beautiful hybrids producing an abundance of large, brilliantly colored flowers ranging from crimson and scarlet to salmon and other shades. Handsome for beds and borders. 1 $\frac{1}{2}$ feet. Pkt. 15c; special pkt. 40c.
- 3061 Chalcidonica.** (A) Broad heads of brilliant, star-shaped, scarlet blooms. 2 feet high. Pkt. 10c; $\frac{1}{4}$ oz. 25c.
- 3062 Haageana, Hybrids.** Brilliant orange, scarlet, crimson, etc., in mixture. 1 foot. Pkt. 15c; special pkt. 50c.
- 3068 Viscaria splendens.** Showy bright rosy red blooms on plants 1 foot high. Pkt. 10c; $\frac{1}{4}$ oz. 30c.

Lythrum—Rose Loosestrife (HP) (A)

- 3071 Roseum superbum.** A very pretty hardy perennial growing about 3 feet high, covered with rosy flowers from July to September. Pkt. 10c; special pkt. 30c.

Dreer's Lovely Lupinus—Lupines (A) & (HP) (A)

Hartwegii. (A) These are easily grown, free-flowering annuals with long graceful spikes of richly colored, pea-shaped flowers. They are very valuable for the mixed border, beds, and for cutting. The plants grow 2 feet high and bloom profusely throughout the summer and fall. They prefer light shade and a rich soil.

- | | |
|---|--|
| 3044 Rich Blue (<i>Oxford Blue</i>)..... | } Any of these:
Pkt. 10c;
$\frac{1}{4}$ oz. 25c;
oz. 40c. |
| 3045 Sky Blue (<i>Cambridge Blue</i>)..... | |
| 3046 Rose | |
| 3047 White | |

3049 Collection. One packet each of the 4 colors 30c.

- 3050 Annual Mixed.** Pkt. 10c; $\frac{1}{4}$ oz. 20c; oz. 35c.

New Hartwegii Giants (A) (A)

A marvelously improved strain of the annual Hartwegii Lupinus. The plants grow 3 to 4 feet high and branch close to the ground, forming 4 to 6 glorious flower spikes to the plant. Each spike has from 25 to 50 more blooms than the regular type. Of sturdy growth and free blooming.

- 3035 King Blue.** Enormous spikes of rich Oxford Blue enhanced by a pure white stripe through the standard of each flower. Pkt. 20c; special pkt. 50c.
- 3038 King White.** A lovely companion of King Blue. Of the same size and beauty. The flowers are glistening white and exquisitely scented. Pkt. 20c; special pkt. 50c.
- 3040 King Mixed.** This contains sky blue, dark blue, rose, and white, in mixture. Pkt. 15c; special pkt. 40c.



Lupinus polyphyllus

Polyphyllus (*Washington Lupine*). (HP) These are perennial Lupinus which succeed well in any good garden soil. They bloom in May and June, and grow about 3 feet high.

- 3052 Rose.** A lovely rich rose. Pkt. 10c; $\frac{1}{4}$ oz. 25c.
- 3053 White.** Glorious white blooms. Pkt. 10c; $\frac{1}{4}$ oz. 25c.
- 3054 Blue.** An exceptionally fine color. Pkt. 10c; $\frac{1}{4}$ oz. 25c.
- 3055 Moerheimi.** Rose and pink. Pkt. 15c; $\frac{1}{4}$ oz. 40c.
- 3056 Sunshine.** Clear yellow. Pkt. 15c; $\frac{1}{4}$ oz. 40c.

3059 Collection. One packet each of the 5 sorts 50c.

- 3058 Mixed Colors.** Pkt. 10c; $\frac{1}{4}$ oz. 25c; oz. 40c.

- 3060 New Regal Hybrids Mixed.** (HP) Contains a number of new and unusual colors. Pkt. 15c; $\frac{1}{4}$ oz. 40c; oz. \$1.25.

- 3051 Subcarnosus** (*Texas Blue Bonnet*). (HP) Strong bushes 15 inches high. Massive flower spikes set with large deep blue blooms. June blooming. Pkt. 10c; $\frac{1}{4}$ oz. 25c; oz. 40c.

Marigold—*Tagetes*®

The African and French Marigolds are old favorite free-flowering annuals of easy culture; both are extremely effective and are well adapted to large beds or mixed borders. They succeed best in a light soil, with full exposure to the sun. A vase or bowl of any of the rich yellow sorts in combination with a few blue Larkspurs or Cornflowers is very striking.

Dwarf Double French Marigolds

Few annuals are as effective as the French Marigolds or flower for so long a period; they all form dense bushes not over 12 inches high and are unequalled for borders or beds.

3091 Gold Striped (*Scotch Prize*). Very double golden yellow, each petal striped with rich mahogany red.

3092 Gold, Edged Brown. Bright golden yellow center, outer or guard petals rich velvety morocco red.

3093 Golden Ball. A splendid pure golden yellow. Flowers of good size. Makes a very effective golden line or bed.

3094 Lemon Ball. Similar to the above except in color, which is a bright lemon yellow. A most effective variety.

3095 Mahogany (*Robert Beist*). Rich velvety morocco or mahogany brown. Blooms freely and continuously.

3096 Spotted. Edge of petals lively orange with a bright morocco red spot at the base—a brilliant effect.

Any of the above: Pkt. 10c; $\frac{1}{4}$ oz. 25c.

3098 Collection. This contains one packet each of the above Dwarf Double French Marigolds. 40c.

3099 Collection. $\frac{1}{4}$ oz. each of the 6 varieties. \$1.25.

3100 Dwarf Double French Mixed. A splendid mixture. Pkt. 10c; $\frac{1}{4}$ oz. 25c; oz. 75c.

3105 Tall Double French Mixed. All the colors available in this tall type. Pkt. 10c; $\frac{1}{4}$ oz. 25c; oz. 75c.



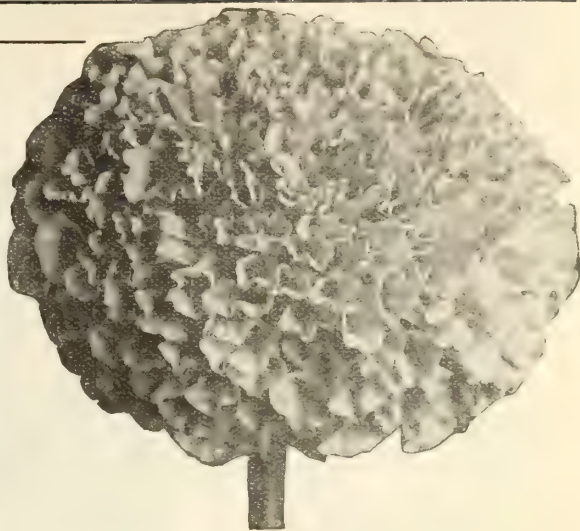
Marigold, Dwarf French Legion of Honor

Dwarf Single French Marigolds △

3102 Legion of Honor (*Little Brownie*). A single-flowering Marigold, forming compact bushes 9 inches high. Begins flowering in June, continuing until frost. The flowers are golden yellow, marked with a large spot of velvety crimson at the base of each petal. Pkt. 10c; $\frac{1}{4}$ oz. 25c; oz. 75c.

3101 Fire Cross or Fire Star. The habit of this splendid dwarf single French Marigold is similar to the popular variety Legion of Honor but more effective and attractive because the plants are more uniformly compact. The ground color is deep orange-yellow and each petal displays a large crimson-maroon blotch. Pkt. 10c; $\frac{1}{4}$ oz. 25c; oz. 75c.

For Miniature Marigold see *Tagetes signata pumila*, page 61



Marigold, Alldouble

Double African Marigolds

Splendid for beds or borders; the tall varieties grow about 3 feet high, and they do best in a rich soil.

3082 Orange Alldouble. A splendid strain which produces one hundred per cent double flowers. The large, well rounded blooms are of an intense rich orange color. Pkt. 20c; special pkt. 50c; $\frac{1}{4}$ oz. 75c.

3080 Lemon Alldouble. This is identical to the above but the flowers are clear lemon yellow—a shade which blends beautifully with the orange variety. Pkt. 20c; special pkt. 50c; $\frac{1}{4}$ oz. 75c.



Marigold, Guinea Gold

3078 Guinea Gold

Few new flowers have become as popular as this magnificent tall African Marigold. The plants grow 2 to 2½ feet high and bear an abundance of well rounded semi-double and double blooms of a brilliant golden orange. Pkt. 15c; special pkt. 50c; $\frac{1}{4}$ oz. 75c.

3083 Pride of the Garden. Double, quilled, golden yellow blooms borne on dwarf compact plants. Pkt. 10c; $\frac{1}{4}$ oz. 25c.

3084 Orange Prince. A grand variety with large, perfectly double, quilled flowers of a rich deep golden orange color. Blooms most profusely. Pkt. 15c; $\frac{1}{4}$ oz. 50c.

3085 Lemon Queen. A lovely counterpart of Orange Prince with splendid large double blooms of a soft lemon yellow color. Pkt. 15c; $\frac{1}{4}$ oz. 50c.

3088 Collection. This contains one packet each of the above 6 varieties. 75c.

3090 Double African Mixed. A well-balanced mixture of the Tall African sorts. Pkt. 10c; $\frac{1}{4}$ oz. 25c; oz. 75c.

**Marvel of Peru, or
Four O'Clocks** (A) (C)**Mirabilis Jalapa**

- 3110 Mixed.** A well-known, handsome, free flowering garden favorite. It does well almost anywhere. Includes many pretty colors. 2 feet high. Pkt. 10c; oz. 25c.

Matricaria—Feverfew (A)

- 3121 Capensis alba plena** (Double White Feverfew). Produces a great quantity of fine double white flowers. Splendid for beds and pots. 18 inches. Pkt. 10c; $\frac{1}{4}$ oz. 25c.
- 3122 Golden Ball.** (A) Compact bushy plants, 8 inches high, covered with bright yellow flowers which are densely double appearing like small buttons. Pkt. 15c; special pkt. 60c.

Matthiola (A)

- 3125 Bicornis** (Evening Scented Stock). An old-fashioned favorite grown primarily for its entrancing fragrance which it emits during the evening. Blooms profusely during the summer. Pastel purplish lilac blooms. 18 inches. Pkt. 10c; $\frac{1}{4}$ oz. 25c.

Mesembryanthemum (A) (A)

- 2831 Crystallinum** (Ice Plant). The leaves look as if frosted with ice. Small inconspicuous blooms. Pkt. 10c; $\frac{1}{4}$ oz. 25c.
- 3140 Tricolor** (Dew Plant). Splendid little annuals for the rockeries, sunny banks, etc. Has daisy-like flowers of crimson, pink, and white. Pkt. 15c; special pkt. 50c.
- 3139 Crinifolium** (Livingstone Daisy). Showy large flowers with small yellow center and a great many long, narrow ray petals in a range of colors that is surprisingly varied and beautiful. Of spreading habit, easy to grow, and splendid in the rock garden where exposed to full sun. Equally fine for border display. Pkt. 25c; special pkt. 75c.

Mimosa (A)**Sensitive or Humble Plant**

- 3181 Pudica.** Curious and interesting annual with pinkish white flowers; the leaves close and droop when touched or shaken; 1 $\frac{1}{2}$ feet. Pkt. 10c; $\frac{1}{4}$ oz. 25c.

Mimulus (HHP) (C)

- 3192 Tigrinus** (Monkey Flower). Showy, profuse flowering plants; fine for greenhouse or moist shady situations, blooming the first year from seed if sown early; 1 foot. Fine mixed spotted varieties. Very colorful. Pkt. 10c; special pkt. 50c.

Momordica (A)

An attractive climbing vine with ornamental foliage and curious fruits.

- 3211 Balsamina** (Balsam Apple). Large yellow flowers. Apple-shaped fruits; glossy foliage. 10 feet. Pkt. 10c; oz. 60c.
- 3212 Charantia** (Balsam Pear). Pear-shaped fruits; heavy foliage, yellow flowers. 10 feet. Pkt. 10c; oz. 50c.



Mignonette, Red Goliath

Mignonette—Reseda (A)

This old-fashioned favorite is again becoming very popular. Sowings made in April and again in July will keep up a succession of blooms until frost. Also fine for growing in pots for winter and spring flowering.

- 3152 Defiance.** The individual florets are of immense size, forming graceful, as well as compact spikes. Has extraordinary keeping qualities and is very fragrant. Pkt. 10c; $\frac{1}{4}$ oz. 25c.

- 3154 Red Goliath.** Strong, compact growing with giant trusses of a bright red color. Has a rich sweet fragrance. Pkt. 10c; special pkt. 30c; $\frac{1}{4}$ oz. 50c.

- 3153 Golden Goliath.** Similar to the red variety except the color which is golden yellow. Pkt. 15c; special pkt. 50c.

- 3158 Giant Machet.** Of pyramidal growth bearing giant flower spikes which are sweet scented. 18 in. Pkt. 10c; $\frac{1}{4}$ oz. 25c.

- 3152 Salmon Queen.** Bright salmon-red fragrant blooms on strong robust spikes. Fine for growing out-doors. Pkt. 10c; $\frac{1}{4}$ oz. 25c.

- 3164 White Goliath.** Has the same massive spikes of blooms as the red sort. Pkt. 15c; $\frac{1}{4}$ oz. 50c.

- 3169 Collection.** One packet each of the above 6 varieties 50c.

- 3163 Sweet Scented.** The old variety with small spikes. Pkt. 5c; oz. 25c.

Musa Ensete (TP)**Abyssinian Banana**

- 3221** A splendid plant for the open air in summer. Produces a most striking effect. In our hot summer it luxuriates when freely supplied with manure and water. The seed germinates easily when started in the hotbed or greenhouse. Pkt. of 5 seeds 25c; 25 seeds 75c.

Myosotis (HP) (A) (C)**Forget-Me-Not**

Few spring flowers are more admired than the lovely Forget-Me-Nots which are especially effective when grown in masses. Perennial and hardy if given slight protection through the winter. Seed may be sown any time from spring till mid-summer. The Alpestris varieties and Dissitiflora come into bloom in April, and are largely used for bedding or borders in connection with spring-flowering bulbs, Pansies, etc. The Palustris sorts do not bloom till May, but continue till fall. 9 to 12 inches.



Myosotis alpestris, Royal Blue

- 3231 Alpestris, Royal Blue.** Rich indigo-blue flowers borne profusely on plants 9 inches high. It is the finest of all dark blue Forget-Me-Not varieties. Pkt. 10c; $\frac{1}{4}$ oz. 40c; oz. \$1.25.

- 3232 — Messidor.** Large, rich blue flowers on long stems. A splendid variety for cutting. Pkt. 15c; special pkt. 40c.

- 3234 — rosea.** Large rose-colored flowers. Pkt. 10c; $\frac{1}{4}$ oz. 30c.

- 3235 — Victoria.** Fine large heads of clear azure blue flowers. Showy plants of compact growth. Gives a fine edge to beds. Pkt. 15c; special pkt. 50c.

- 3239 — Mixed.** Blue, rose, and white. Pkt. 10c; $\frac{1}{4}$ oz. 25c; oz. 75c.

- 3236 Dissitiflora.** A compact dwarf variety with lovely sprays of extra large, exquisite blue flowers. Particularly adapted for sowing among spring flowering bulbs. Pkt. 20c; special pkt. 75c.

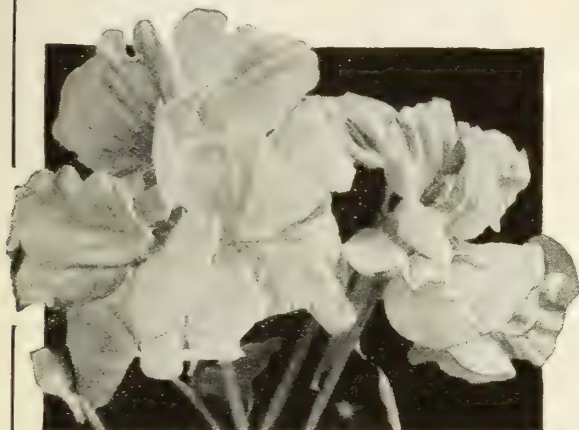
- 3238 Palustris semperflorens.** A free-blooming variety beginning to flower in May. Has large clear blue blooms. Pkt. 15c; special pkt. 50c; $\frac{1}{4}$ oz. 75c.

Dreer's Superb Nasturtiums [Ⓐ] ●

Nasturtiums are natives of Peru and they have been cultivated since the latter part of the seventeenth century. They are available in a number of very interesting types with the new Double Sweet-Scented Nasturtiums being the latest and perhaps the finest addition. The Tall or Climbing varieties are vigorous growers with runners of moderate length. They may be used for large beds and are splendid where wire fences are used to support them. The dwarf or bedding varieties are of compact, rounded growth. They are ideal for beds and borders. Both of these types will yield an abundance of cut flowers that will last a long time in water. They do well in full sun or in semi-shade from seed sown after danger of frost right where the plants are to bloom. For early flowering they may be started indoors in April sowing 3 to 4 seeds to a pot.

The New Double Sweet Scented Nasturtiums

Though double Nasturtiums are not new it was not until the introduction of Golden Gleam that they could be reproduced from seed as the old double kinds did not produce seeds and had to be increased by cuttings. If these new kinds could boast only of doubleness they would represent a most desirable improvement but they also have an exquisite sweet fragrance quite different and by far more pleasing than the pungent odor of the ordinary kinds. Golden Gleam was the first in this type and this year we are offering for the first time the new Scarlet Gleam and Glorious Gleam Hybrids as offered below.



Nasturtium, Golden Gleam

3285 Golden Gleam

If there ever was a new flower that took the entire gardening world by storm it surely is the new Double Sweet-Scented Nasturtium Golden Gleam. It is a vigorous grower of bushy habit producing a few short runners which are thickly studded with long-stemmed, double blooms of a most intense but pleasing gleaming gold. It has proved its value for garden display and for cutting. Pkt. 10c; $\frac{1}{2}$ oz. 25c; oz. 40c; $\frac{1}{4}$ lb. \$1.25.

3277 Scarlet Gleam—New

This is a new origination by the same California plant breeder who perfected and introduced Golden Gleam. A bed of it is like a carpet of fire—so dazzling, so rich, so impressive. Scarlet Gleam is more or less plain petalled and deeper throated than Golden Gleam but its doubleness is caused by the overlapping of small petals toward the center which, if well grown, give a perfectly double flower. A real marvel for the garden and for cutting. Pkt. 25c; 5 pkts. \$1.00.

3280 Glorious Gleam Hybrids—New

This also is entirely new this year and comes from the same breeding ground as the above. A fine, large flowered, sweet-scented strain with flowers as double as Golden Gleam and of the same compact habit with short runners. Splendid long stems. Includes brilliant shades of salmon, golden yellow, orange-scarlet, cerise, creamy yellow, orange, maroon, crimson, and many spotted varieties. Pkt. 25c; $\frac{1}{4}$ oz. 60c; oz. \$2.00.

Tall or Climbing Varieties

Tropaeolum majus

- 3244 **Brilliant or Lucifer.** Bright Geranium scarlet.
- 3287 **King Theodore or Black Prince.** Crimson-maroon.
- 3294 **Orange or Sunlight.** Pure orange, no markings.
- 3296 **Pearl or Moonlight.** Creamy white.
- 3306 **Spotted or Gold Garnet.** Rich yellow, spotted garnet.
- 3307 **Vesuvius or Salmon Queen.** Salmony rose; exquisite.

Any of the above: Pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. 75c.

3329 **Collection.** One packet each of the above 6 tall varieties 40c.

3319 **Collection.** One ounce each of the above 6 tall sorts \$1.00.

3320 **Finest Tall Mixed.** A splendid mixture of all the best tall or climbing varieties representing a well balanced color display. Pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 50c; lb. \$1.50.

Dwarf or Bedding Varieties

Tropaeolum majus nanum

- 3336 **Chameleon.** Various colors on one plant.
- 3338 **Crystal Palace Gem.** Yellow, maroon blotches.
- 3341 **Empress of India.** Fiery crimson, dark foliage.
- 3343 **Golden King.** Rich golden yellow.
- 3346 **King Theodore.** Deep crimson-maroon, dark foliage.
- 3347 **King of Tom Thumbs.** Dark scarlet, dark leaves.
- 3353 **Pearl or Moonlight.** Creamy white.
- 3361 **Rose.** Soft carmine-rose.
- 3365 **Spotted King or Ladybird.** Gold, spotted garnet.
- 3367 **Vesuvius or Salmon Queen.** Salmony rose, dark foliage.

Any of the above: Pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. 75c.

3379 **Collection.** One packet each of 6 dwarf varieties, our selection, 40c.

3369 **Collection.** One ounce each of 6 dwarf varieties, our selection, \$1.25.

3370 **Finest Dwarf Mixed.** This well-balanced color mixture will give a splendid bed or border as the fully round, compact plants are covered with flowers throughout the season. Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 60c; lb. \$2.00.



Dwarf or Bedding Nasturtiums

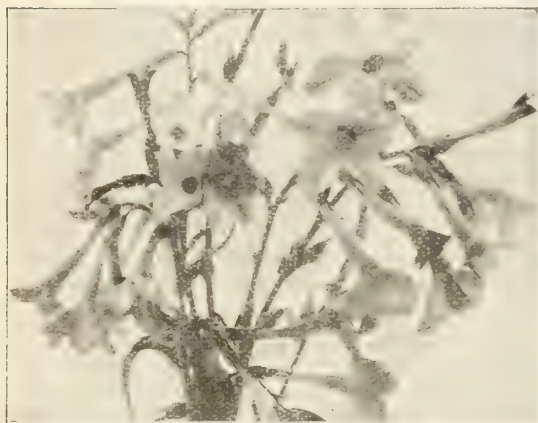
Nemesia (A) (C)

A very pretty annual which does best in a cool position. The plants are of compact growth and the orchid-like flowers bloom throughout the summer and fall.

- 3396 Blue Gem (Dwarf).** A splendid blue-flowered variety for bedding or edging. 8 inches. Pkt. 25c; special pkt. 75c.
3399 Orange Prince (Dwarf). Brilliant orange blooms on round compact plants. 8 inches. Pkt. 25c; special pkt. 75c.
3397 Fire King (Dwarf). Vivid bright red blooms. 8 inches. Pkt. 25c; special pkt. 75c.
3401 Dwarf Large-Flowering Hybrids Mixed. A very fine strain. Many colors. 12 inches. Pkt. 15c; special pkt. 60c.

Nepeta—Mauve Catnip (HP) (A) (C)

- 3407 Mussini.** Neat bushes of small lavender-like foliage covered with terminal spikes of pale mauve flowers, both foliage and flowers aromatic. May-Sept. 1 ft. Splendid for beds, edging, or rock garden. Pkt. 15c; special pkt. 60c.



Nicotiana affinis

Nicotiana—Flowering Tobacco (A) (C)

This is a splendid easy-to-grow plant for beds or borders, giving a wonderful display of showy blooms throughout the summer and fall. Start the seed indoors in a warm place and set out when the weather is warm.

- 3411 Affinis (Tuberose-Flowered Tobacco).** Delicately sweet-scented, pure white, tubular flowers, blooming throughout the season. Grows 2 to 3 feet high. Pkt. 10c; ¼ oz. 25c.
3412 Affinis Hybrids, Mixed. This is similar to Affinis but the blooms come in a great variety of lovely colors, shading from pure white to deep crimson. Of the same stately growth and equally fragrant. Pkt. 10c; ¼ oz. 25c.
3414 Affinis, Crimson Bedder (New). (A) (C) Grows only 15 inches high. Has lovely, deep crimson flowers arranged in graceful umbels. Pkt. 25c; special pkt. 75c.
3415 Sanderæ, Crimson King. Dark velvety crimson-red flowers, the richest tint yet produced. Pkt. 10c; ¼ oz. 30c.

Nigella—Love in a Mist, Devil in the Bush (A)

- 3430 Damascena, Mixed.** A compact free-flowering plant of easy culture. Has finely cut foliage and curious looking flowers and seed pods. Blue and white flowers in mixture. Grows 18 inches high. Pkt. 10c; oz. 25c.
3431 Miss Jekyll. A lovely variety with showy Cornflower blue blossoms. It is splendid for cutting and beds; 18 inches high. Pkt. 10c; ½ oz. 25c; oz. 40c.

Oenothera—Evening Primrose (HP) (A)

- 3437 Missouriensis.** A splendid hardy perennial for growing in an exposed sunny position either in the border or the rockery. Large yellow flowers, frequently 5 inches in diameter, produced freely from June until August. 12 inches. Pkt. 20c; special pkt. 75c.

Dreer's Perfect

Pansies are too well known to require any description as they are favorites with all. For best results you must start with a good strain. The finest Pansies are, as a rule, shy seeders which accounts for the difference in the price of the various mixtures offered.

Pansy seed germinates and the plants grow more freely in the cool, early days of spring, and for summer-blooming should be sown by the latter part of April, or early in May, in the vicinity of Philadelphia. A soil containing a proportion of leaf mould, well enriched with well-decayed cow manure, will be the most satisfactory for the growing of this flower, and it should be well dug and made fine and level.

Sow the seed in drills, covering them not more than four times their diameter and firming the soil well above them. The seeds germinate in from eight to twelve days, and should not be allowed to dry out during this period. Covering the seed bed with newspapers will prevent this and hasten somewhat the period of germination.

As soon as the plants are up and large enough to handle, they should be thinned out or transplanted to stand nine inches apart in the rows. Thorough cultivation should be given from the start, as Pansies will not thrive when obliged to share the beds with a mass of weeds.

It is a mistake to plant Pansies in the shade of a tree or buildings. An open exposure, where the wind has a free sweep over the bed is far better, and Pansies so planted are free from the long, straggling branches which produce few and inferior flowers. During dry weather the bed should be watered daily.

3510 Dreer's Royal Exhibition Mixture

This, our finest mixture of Pansies, is unsurpassed in every way. It is truly a perfect blend not equalled by any other mixture no matter what its name. The color range is most interesting and varied. The size of the blooms is enormous. The texture of the flowers is most substantial. Pkt. 50c; special pkt. of 2000 seeds \$1.50; ½ oz. \$2.00.

Swiss Giants—Roggli Hybrids

These outstanding Pansies have a most remarkable robust habit. The flowers are of extra large size. They also are heavy in texture and held well above the rich green foliage. The flower stems are quite long making this strain particularly suitable for cutting. It is equally fine for beds or borders.

- 3523 Alpenglow.** A most attractive cardinal red with three dark blotches. Pkt. 25c; special pkt. 75c.
3524 Berna. Rich velvety purple. Pkt. 25c; special pkt. 75c.
3525 Lake of Thun (Ullswater). An exquisite tone of rich ultra marine blue accentuated by a darker blotch on each petal. Pkt. 25c; special pkt. 75c.
3526 Mont Blanc. Five-blotched white. Pkt. 25c; special pkt. 75c.
3528 Rhinegold. A magnificent golden yellow with a deep mahogany blotch in the center. Pkt. 25c; special pkt. 75c.
3527 Yellow Master. Pure yellow. Pkt. 25c; special pkt. 75c.
3529 Collection. One packet each of the above 6 varieties \$1.00.
3530 Swiss Giant Mixed. The rich dark colors predominate in this wonderfully varied mixture of free-flowering giant Pansies. Pkt. 25c; special pkt. 60c; ½ oz. \$1.25.

- 3514 Dreer's Premium Mixed.** A first class mixture at a medium price. Contains many fine colors. Pkt. 25c; special pkt. 75c; ½ oz. \$2.00.
3516 Masterpiece (Frisled Pansy). The petals of this wonderful large Pansy are most attractively curled or waved because of their thick substance. The range of colors is very extensive with the lovely rich dark shades predominating. Pkt. 25c; special pkt. 75c; ½ oz. \$1.50.
3513 Giant Parisian Mixed. Of very large size containing a great many fine colors. Pkt. 15c; special pkt. 50c; ½ oz. 75c.
3515 English Finest Mixed. A moderately priced mixture of splendid quality. Pkt. 10c; special pkt. 40c; ½ oz. 60c.

Giant Pansies —*Viola tricolor
maxima*

Giant Yellow

Giant Trimardeau Pansies
In Separate Colors

These always have been very popular for bedding because the plants are compact, well rounded, and bear a great quantity of large and gracefully formed blooms. They will give a lovely bed or border and plenty of flowers for small vases.

- 3481 Giant Adonis.** A splendid large-flowered Pansy of a lovely lavender-blue color. Pkt. 10c; $\frac{1}{4}$ oz. 75c.
- 3482 Giant Cardinal.** Most unusual flowers of a charming rich red color. Pkt. 10c; $\frac{1}{4}$ oz. 75c.
- 3488 Giant Golden Queen.** The gracefully formed large blooms are rich pure yellow. Pkt. 10c; $\frac{1}{4}$ oz. 75c.
- 3491 Giant Lord Beaconsfield.** Deep velvety violet shading to white at the margin. Pkt. 10c; $\frac{1}{4}$ oz. 75c.
- 3493 Giant Royal Blue.** Splendid, large, well formed flowers of a rich royal blue color. Pkt. 10c; $\frac{1}{4}$ oz. 75c.
- 3496 Giant Snow Queen.** A graceful beauty with pure white flowers. Pkt. 10c; $\frac{1}{4}$ oz. 75c.
- 3497 Giant White.** Combines a large purple eye with a broad pure white margin. Pkt. 10c; $\frac{1}{4}$ oz. 75c.
- 3498 Giant Yellow.** Rich golden yellow with a contrasting center of deepest mahogany red. Pkt. 10c; $\frac{1}{4}$ oz. 75c.

3499 Collection. One packet each of the above 8 Giant Trimardeau Pansies 60c.

3500 Giant Trimardeau Mixed

This is a splendid mixture of the above and some other giant flowering varieties to widen the color range. All are free flowering. Pkt. 10c; $\frac{1}{4}$ oz. 60c; oz. \$2.00.



Papaver orientale

Papaver Orientale ●
Oriental Poppies

The garden which does not contain a good display of the lovely Oriental Poppies misses the most showy of all hardy garden subjects that bloom during late spring and early summer. The huge flowers set against the deep green foliage never fail to receive the greatest admiration. Sow the seed early in the spring in the open where the plants are to bloom or in a special seed bed. By mid-summer the little seedlings will likely have disappeared from above the ground and it is at that time of their life that the roots can be transplanted with perfect safety. If moved during the spring there is great danger that they will not survive. Only a small percentage of the seedlings of named varieties come true to color.

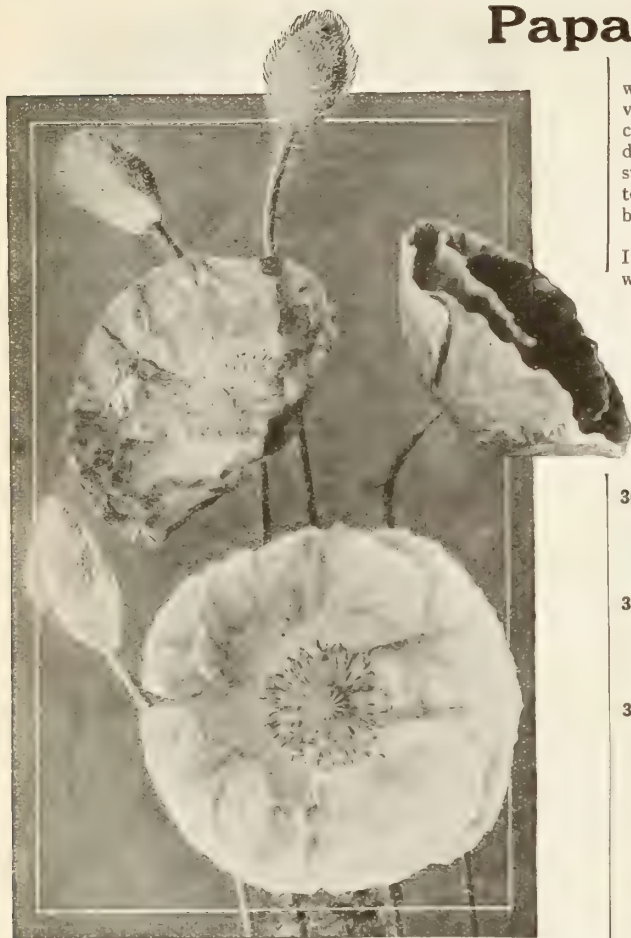
- 3741 Orientale (The Large Oriental Poppy).** A gorgeous plant 3 feet high with ample rich green foliage and magnificent large orange-scarlet blooms with a black blotch on each petal. Pkt. 10c; $\frac{1}{4}$ oz. 40c.
- 3742 — Dawn (Corneum).** Immense, long stemmed blooms of a charming and lovely soft flesh color. Gives a magnificent effect. Pkt. 15c; special pkt. 75c.
- 3743 — Oriflamme.** This is particularly popular as the gorgeous orange-scarlet blooms have a brilliant fire sheen. Pkt. 15c; special pkt. 75c.
- 3744 — Princess Victoria.** This has both size and exquisite coloring — a clear and luminous salmon-pink with a glistening sheen. Pkt. 15c; special pkt. 75c.
- 3745 — Mahoney.** This gives excellent contrast to the lighter colored varieties as the blooms are an intense dark crimson-maroon color. Pkt. 15c; special pkt. 75c.

3749 Collection. One packet each of the above 5 varieties 50c.

- 3750 Oriental Hybrids Mixed.** This seed has been saved from a large number of extra-fine named sorts and it can therefore be depended upon to give a showy display. Pkt. 15c; $\frac{1}{4}$ oz. 60c.

"Growing Flowers From Seed." This is the title of a very interesting four-page leaflet which tells you how to grow annual and perennial flowers from seed. It will help you to secure the finest results from Dreer's seeds. You may have a copy free if you ask for it.

Papaver—Poppies [Ⓐ] & ^{HP}



Dreer's Select Shirley Poppies

Dreer's Shirley Poppies [Ⓐ]

Papaver Rhoeas

A very artistic strain of Poppies with lovely, large blooms of a beautiful crinkled texture. Includes many fine colors in single, semi-double, and double flowered blooms. Easy to grow.

3684 American Legion. A greatly improved English Scarlet or Flanders Poppy with very large, single flowers of a beautiful rich dazzling orange-scarlet color. Grows 2 feet high. Pkt. 10c; $\frac{1}{4}$ oz. 25c; oz. 75c.

3691 Apricot. Single deep apricot. Pkt. 10c; $\frac{1}{4}$ oz. 30c.

3692 Blue Shades. Beautiful large single blooms in various shades of blue. Pkt. 10c; $\frac{1}{4}$ oz. 25c.

3695 Wild-Rose Pink. This variety is particularly beautiful. The large single blooms are well formed and of a soft Wild-Rose Pink color. Very appealing. Makes a charming bed besides being of special value for cutting. 2 feet. Pkt. 10c; $\frac{1}{4}$ oz. 25c; oz. 75c.

3698 Collection. One packet each of the above 4 single Shirley Poppies. 30c.

3696 Dreer's Select Shirley Mixed. An unusually choice strain of these charming single poppies. Includes a particularly wide range of beautiful colors with scarcely any two flowers being exactly alike. Of strong growth and very profuse blooming. Pkt. 10c; $\frac{1}{4}$ oz. 20c; oz. 50c.

3713 Double Shirley Mixed. A very pretty strain. Has double flowers in a wide range of beautiful colors. Blooms freely and continuously throughout the spring and summer. 30 in. high. Pkt. 10c; $\frac{1}{4}$ oz. 25c; oz. 75c.

Annual Poppies should be sown as early in the spring as possible where they are to remain, as they do not stand transplanting. Sow very thinly, preferably in cloudy weather or after a shower, barely cover the seed, press down firmly and they will come up in a few days. If they come up too thickly they must be thinned out to stand 3 to 4 inches or more apart if you wish best results. It is well to make several sowings at intervals to keep up a succession of bloom.

If picked just before expanding the flowers will last several days. It is also advisable to pick the old flowers when the petals fall, which will lengthen the blooming season quite a while.

Single Annual Poppies [Ⓐ]

Papaver somniferum

3686 Charles Darwin. Remarkable for the unique color of its large, smooth-edged flowers, being a striking rich dark purple with a velvety black spot at the base of each petal. A dense wreath of white anthers produces a fine contrast with the extraordinary color of the flower; 3 feet. Pkt. 10c; $\frac{1}{4}$ oz. 25c.

3688 Danebrog or Danish Cross. A very showy variety producing flowers of a brilliant scarlet color with a silvery white spot on each petal forming a white cross. The edges of the flower petals are attractively fringed. 3 feet. Pkt. 10c; $\frac{1}{4}$ oz. 25c.

3693 King Edward. A variety of gorgeous coloring, being a deep scarlet, shaded crimson-red, each petal marked with a large black blotch for half its length from the base, against which the yellow anthers stand out in bold relief. Pkt. 10c; $\frac{1}{4}$ oz. 25c.

3700 Single Mixed. A splendid mixture of many different free-flowering single annual Poppies. Pkt. 10c; oz. 25c.



Shirley Poppy, Sweet Briar

New Double Shirley Poppy [Ⓐ]

Papaver Rhoeas fl. pl.

3707 Sweet Briar. One of the most popular colors in Shirley Poppies has been Wild-Rose Pink. We are now able to offer this most beautiful color in a double flowering form. Sweet Briar is a delightful shade of deep rose-pink. The blossoms are full double, resembling a very large double Begonia. Pkt. 15c; $\frac{1}{4}$ oz. 50c; oz. \$1.50.

Double Annual Poppies [Ⓐ]

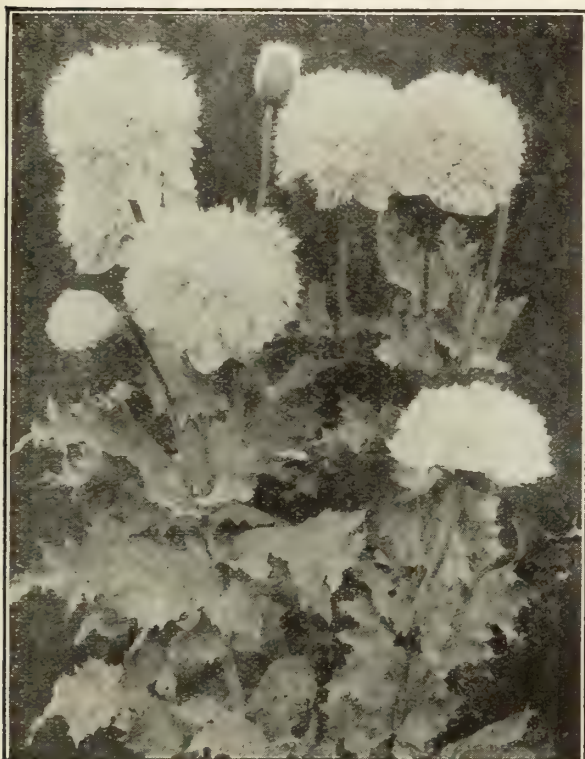
Papaver somniferum fl. pl.

The same culture as given at the top of the preceding page should be followed in the case of the double-flowering annual sorts. They make a gorgeous showing during their flowering period and are largely used for beds and borders. Because many of these are of stronger growth than the single varieties they must be thinned to stand 6 to 8 inches apart in the row.

- 3711 American Flag.** A beautiful variety. The flowers are very large and double. They are snow white bordered with scarlet; 30 inches. Pkt. 10c; $\frac{1}{2}$ oz. 25c; oz. 40c.
- 3712 Fairy Blush.** Very double white flowers, elegantly fringed and tipped with light rose; 30 inches. A lovely variety. Pkt. 10c; $\frac{1}{2}$ oz. 25c; oz. 40c.
- 3714 Mikado** (*The Striped Japanese Poppy*). This beautiful Poppy is very distinct in character and color. The flowers are brilliant scarlet and white, with elegantly curved petals like a Japanese Chrysanthemum; 30 inches. Pkt. 10c; $\frac{1}{2}$ oz. 25c; oz. 40c.
- 3715 White Swan.** Immense double flowers of purest white, beautifully fringed and of the same dwarf habit as Cardinal; 30 inches. Pkt. 10c; $\frac{1}{2}$ oz. 25c; oz. 40c.
- 3716 Cardinal.** A splendid dwarf variety of the carnation-flowered type, growing about 30 inches high and bearing large, globular, fringed flowers of an intense cardinal red. Pkt. 10c; $\frac{1}{2}$ oz. 25c; oz. 40c.



New Hybrid Iceland Poppy



Double Carnation-Flowered Poppy, Shell Pink

- 3717 Shell Pink.** Similar in every way to Cardinal and White Swan, except color, which is a soft sea-shell or chamois-pink; 30 inches. Pkt. 10c; $\frac{1}{2}$ oz. 25c; oz. 40c.
- 3720 Carnation-Flowered Mixed.** Splendid double fringed flowers; mixed colors; 3 feet. Pkt. 10c; oz. 25c.
- 3730 Peony-Flowered Mixed.** Large, showy, double, globular flowers resembling a double Peony; mixed colors; 3 feet. Pkt. 10c; oz. 25c.
- 3719 Collection.** One packet each of 6 distinct colors of double Carnation-Flowered Poppies, 40c.
- 3729 Collection.** One packet each of 6 distinct colors of double Peony-Flowered Poppies, 40c.

Iceland Poppies—*Papaver nudicaule* ^{HP} [△]

While these are hardy perennials, they flower the first year from seed, blooming almost as quickly as the annual sorts. They are of graceful neat habit with bright green fern-like foliage, formed in tufts from which issue slender stalks about 15 inches high, bearing their brilliant flowers in endless profusion. Most useful for cutting, for which purpose pick when in bud. If the seed pods are picked off, they continue in flower the entire season. They remain evergreen throughout the winter, coming into bloom early the following spring.

- 3731 Coonara Pink.** A true strain of beautiful pink shades. Lovely large flowers. Pkt. 25c; special pkt. 75c.
- 3732 El Monte.** A California introduction. Large flowers of deep tangerine orange; strong wiry stems, making an excellent cut flower. Pkt. 20c; special pkt. 75c.
- 3735 Sanford's Giant Strain** (*New*). A new giant strain with a wonderful petal substance and stems of great strength. 2 to 3 feet long. Many of the flowers are 5 inches in diameter. Represents a wide range of delicate shades and combinations, too varied and intriguing to describe. Pkt. 25c; special pkt. 75c.
- 3737 Gibson's New Orange.** A great improvement on the old type Iceland Poppy. The stems are 6 inches longer and much stiffer. Magnificent large blooms 4 to 5 inches across. Fine for garden display and also excellent for cutting. Pkt. 25c; special pkt. 75c.

3739 Collection. One packet each of the above 4 splendid newer sorts. 75c.

- | | | |
|---|---|---|
| <ul style="list-style-type: none"> 3733 Bright Yellow 3734 Pure White 3736 Orange-Scarlet | } | <p><i>Any of these:</i></p> <p>Pkt. 10c;</p> <p>$\frac{1}{2}$ oz. 50c.</p> |
|---|---|---|
- 3740 Finest Mixed Colors.** Pkt. 10c; $\frac{1}{2}$ oz. 50c.
 - 3738 New Hybrid Iceland Mixed.** A great assortment of colors varying from sulphur yellow through different shades of orange to chamois and salmon-rose. All are very beautiful and outstanding. Pkt. 15c; $\frac{1}{2}$ oz. 75c.

Annual flowers that do well in moderately moist soil include: Amaranthus, Calendula, Cosmos, Ipomoea, Larkspur, Linum, Four O'clocks, Mimulus, Nigella, Mignonette, Ricinus, and African Marigolds.

Pentstemon—Beard Tongue [HHP] & [HP]

This is a very interesting class of flowers with large showy blooms borne on fine long spikes. They are splendid for garden display and lend themselves well to cutting.

- 3532 Gloxinoides, Sensation** [HHP]. A spreading, well branched plant with spikes 30 inches high set with large Gloxinia-like flowers of many bright colors. Pkt. 15c; special pkt. 75c.

- 3531 Heterophyllus, Blue Gem** [HP] △. Lovely spikes of bright blue flowers from June to August. A gem for the rock garden. Also fine for borders. Pkt. 15c; special pkt. 60c.

- 3533 Barbatus coccineus (Scarlet Bugler)** [HP]. This also is known as **Chelone barbata**. Has splendid tall spikes set with showy tubular scarlet-red blooms from June to August. Pkt. 10c; ¼ oz. 50c.

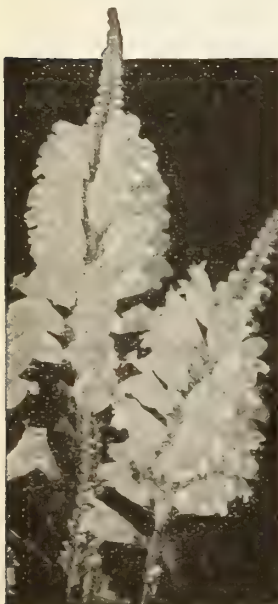
Pentstemon gloxinoides
Sensation

- 3536 Barbatus hybridus praecox.** [HP] Early-flowering hybrids in a range of rich colors. Pkt. 10c; ¼ oz. 40c.

- 3540 Grandiflora, Mixed.** [HP] A splendid mixture of large-flowering sorts in a good range of colors. Hardy. Pkt. 10c; special pkt. 60c.

Phacelia—California Blue Bell [A] △

- 3599 Campanularia.** A beautiful annual and one of the earliest to bloom. Intense gentian blue flowers with white anthers. Very effective for edgings, etc., also as a pot plant. 9 inches. Pkt. 10c; ¼ oz. 30c.



Physostegia virginica

Physalis [HP] ●

Chinese Lantern Plant

- 3646 Francheti.** A highly interesting plant forming dense bushes about 2 feet high with inconspicuous white flowers followed by large, bright orange-scarlet, lantern-like fruits. Splendid for winter bouquets. Pkt. 10c; ¼ oz. 40c

Physostegia [HP] ●
False Dragon Head

- 3651 Virginica.** Dense, spreading bushes 3 to 4 feet high bearing during the fall showy spikes set with delicate lavender-pink blooms. Pkt. 10c; special pkt. 50c.
- 3652 — alba.** White. Pkt. 10c; special pkt. 50c.

Dreer's Reliable

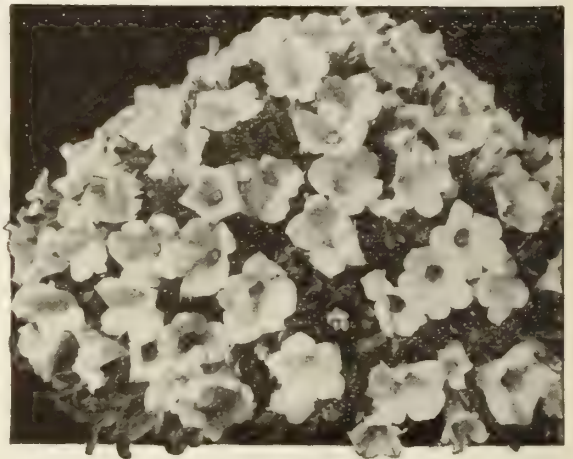
For gorgeous effect, ease of culture, dependability, and continuity of bloom, Petunias stand out as one of our most desirable annual flowers. They may be used to good advantage in beds, borders, and are splendid for window or porch boxes. All of them too are showy pot plants. They require good soil and seed of the giant varieties should be started indoors in boxes.

Single Bedding Petunias

- 3561 General Dodds.** Rich crimson. Pkt. 15c; ¼ oz. 50c.
- 3571 Heavenly Blue.** Silvery blue. Pkt. 15c; ¼ oz. 75c.
- 3562 Howard's Star Improved.** Lovely rose-crimson blooms with a clearly defined five-pointed star of blush white. Very effective. Pkt. 15c; ¼ oz. 60c.
- 3563 Rose of Heaven.** A very effective rich and brilliant variety with luminous rose blooms. Pkt. 15c; ¼ oz. 60c.
- 3564 Rosy Morn.** Lovely soft rose-pink blooms with white throat. A dainty variety. Pkt. 15c; ¼ oz. 75c.
- 3565 Snowball.** Pure satiny white. Pkt. 15c; ¼ oz. 60c.
- 3566 Violet Queen.** Rich velvety violet. Pkt. 15c; ¼ oz. 75c.
- 3568 Collection.** One packet each of the above 7 Bedding Petunias 75c.
- 3569 Collection.** ¼ oz. of the above Bedding Petunias \$3.75.
- 3567 Striped and Blotched Mixed.** Beautifully striped and blotched flowers borne profusely on vigorous plants. Gives a splendid bed or border. Pkt. 10c; ¼ oz. 50c; ½ oz. 75c.
- 3570 Fine Mixed.** Good fine colors. Pkt. 10c; ¼ oz. 30c.

3572 Dreer's Peerless Mixture

A perfect blend of all colors including the softer tones as well as the brilliant and rich hues. The flowers measure 2 to 2½ inches in diameter and they are borne on plants 18 to 24 inches high. Pkt. 10c; ¼ oz. 60c; ½ oz. \$1.00; oz. \$3.00.



Petunia nana compacta

Petunia nana compacta △

A new strain of Petunia with lovely dwarf plants that form a compact ball and are therefore splendid for pot culture and rock gardens. Also fine for beds and borders.

- 3544 Pink Gem.** Plants 5 to 6 inches high, literally smothered with deep pink blooms which measure 2 inches in diameter. Pkt. 25c; special pkt. 75c.
- 3548 Nana compacta Mixed.** These grow 8 to 10 inches high and 12 inches in diameter. A well balanced range of fine colors. Pkt. 25c; special pkt. 75c.
- 3553 Ruffled Martha Washington — (New).** A lovely novelty of dwarf, compact growth, 9 inches high, smothered with brilliant blooms about 3 inches in diameter. The frilled portion of the flowers is a charming flesh pink and the center is strongly veined with wine red. Comes perfectly true. Pkt. 50c.

Ever-Popular PETUNIAS

Balcony Petunias

A splendid large and free flowering type either for window boxes, vases, hanging baskets, etc. The flowers average 3 inches across and make a very effective display over a long season.

- 3555 Balcony Blue.** Very fine. Pkt. 20c; special pkt. 75c.
- 3556 Balcony Rose.** Pkt. 15c; special pkt. 75c.
- 3557 Balcony White.** Pure white. Pkt. 15c; special pkt. 75c.
- 3558 Balcony Crimson.** Pkt. 15c; special pkt. 75c.
- 3559 Collection.** One packet each of the above 4 Balcony Petunias for 50c.
- 3560 Balcony Mixed Colors.** Pkt. 15c; special pkt. 75c.

Large Flowering Single Fringed Petunias

Blooms of truly giant size with exquisitely fringed edges.

- 3576 Giant of California.** Very large flowers in many colors with yellow throat. Pkt. 25c; special pkt. 75c.
- 3578 Fringed Ruffled Giants (Fluffy Ruffles).** Very handsome large ruffled flowers with very finely fringed edges. Includes many splendid colors. Pkt. 25c; special pkt. 75c.
- 3579 Brilliant Rose.** Large, fringed, brilliant rose blooms with a distinct white throat. Pkt. 25c; special pkt. 75c.
- 3581 Romany Lass.** Large fringed flowers. Velvety blood-red with purple throat, striped black. Pkt. 35c; special pkt. \$1.25.
- 3582 Scarlet Beauty.** Elegant scarlet blooms with a graceful fringed edge. Pkt. 25c; special pkt. 75c.
- 3583 Theodosia.** Large, fringed, rose-pink blooms with clear golden yellow centers. Very lovely. Pkt. 35c; special pkt. \$1.25.
- 3584 White Beauty.** Graceful large blooms with fringed edges. Pure white. Pkt. 25c; special pkt. 75c.
- 3588 Violaacea (Violet King).** Elegantly fringed blooms of a rich velvety violet-blue color. Pkt. 50c; special pkt. \$1.25.

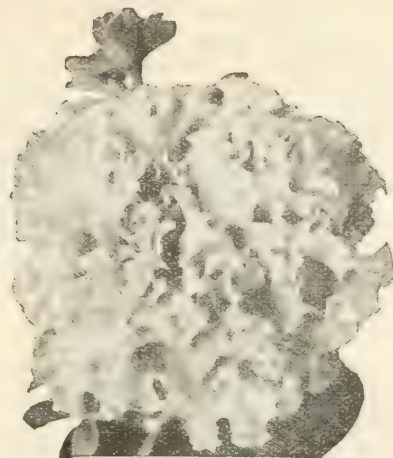


Dreer's Superb Single Large-Flowering Fringed

3580 Dreer's Superb Single Large-Flowering Fringed Mixed

We highly recommend this special mixture which contains only large flowered, well formed blooms with deep throats of brilliant colors and with beautifully fringed edges. It is of compact yet erect habit and blooms freely and continuously during the entire summer and fall. Pkt. 25c; special pkt. 75c.

- 3575 Purple Prince.** A large flowered, plain edged variety of a most impressive rich and clear purple-violet color. Pkt. 25c; special pkt. 75c.

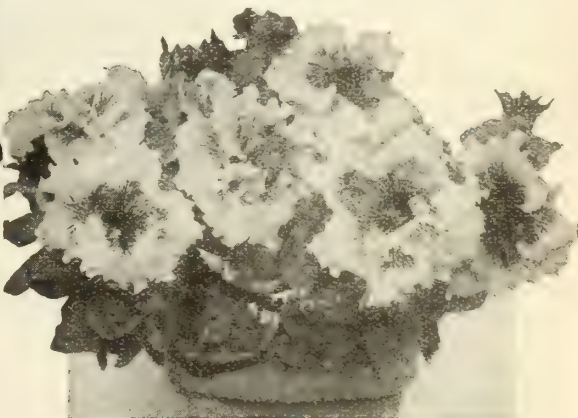


Large Flowering Double Fringed Petunia

Large Flowering Double Fringed Petunias

Great strides have been made in the production of double Petunias and we have selected those of outstanding merit for inclusion in Dreer's Garden Book. Because the seed is expensive and quite small it should be started indoors in boxes and tended carefully until the plants are large enough for bedding out.

- 3590 Dreer's Superb Double Fringed.** Saved from our own unrivalled strain; will produce a large percentage of double, brightly colored, fringed flowers in many colors. Pkt. 50c; 500 seeds \$1.25; 1000 seeds \$2.25.
- 3586 Madonna.** Produces mostly perfectly double, pure white, finely fringed flowers. Pkt. 50c; 500 seeds \$2.00.
- 3593 Rose-Pink and White.** We believe this is the most beautiful of all double fringed Petunias we have ever seen. The blooms are a bright rose-pink with a broad white frill. Comes quite true. Pkt. 50c; 500 seeds \$2.00.
- 3594 Rose Queen.** The double blooms measure 5 to 6 inches in diameter. They are a glorious shade of bright rose-pink. The frilling of the petals is graceful, giving the double flowers a particular charm. Pkt. 50c; 500 seeds \$2.00.
- 3592 Dwarf Alldouble Victorious Mixture.** This new strain produces 100% double-flowering plants. It forms dwarf, compact plants bearing a wonderful assortment of brilliant and fancy colors. The individual blooms are very large and fully double. Very profuse blooming seldom growing more than 10 inches high. Pkt. 75c; 500 seeds \$2.25.



Petunia, Dwarf Giants of California

3573 Dwarf Giants of California

An improved new dwarf strain of the well known California Giants; flowers are large and beautifully colored, with open throats well marked and veined. Makes an excellent pot plant; also splendid for bedding. Pkt. 50c; special pkt. \$1.50.

Annual Phlox [Ⓐ]

The annual Phlox is a native of Texas and is known as "Texan Pride." One of the most brilliant and at the same time one of the easiest and most satisfactory plants which can readily be grown from seed. Grows and thrives in any kind of soil if given a sunny position, but prefers a light rich loam. Seed may be sown in the open ground any time after danger from frost is past. They may be used in a variety of ways, such as a carpet to beds of Roses, in boxes, vases, etc.; but it is when grown in masses, that they show to best advantage.



Phlox, Choicest Mixed, Large-Flowering

Select Large-Flowering Sorts

Phlox Drummondii grandiflora

This is the finest type, having the largest heads of blooms as well as the largest individual flowers. Of strong, sturdy growth, attaining a height of 12 to 15 inches.

- | | |
|--------------------------|--|
| 3601 Snow White..... | } Any of these:
Pkt. 10c;
½ oz. 50c;
¾ oz. 75c. |
| 3602 Shell Pink..... | |
| 3603 Deep Rose..... | |
| 3604 Bright Scarlet..... | |
| 3605 Rich Crimson..... | |
| 3606 Primrose..... | |
| 3607 Soft Lilac..... | |

3619 *Collection*. One packet each of the above seven varieties for 50c.

- 3620 **Choicest Mixed, Large-Flowering.** Contains all of the colors noted above as well as a great many others. It makes a very showy bed or border throughout the summer season. Pkt. 10c; ½ oz. 40c; oz. \$1.25.

Dwarf Phlox—*P. nana compacta* Δ

- 3631 **Mixed Colors.** This strain is of dwarf, compact habit, making neat symmetrical plants six to eight inches high. Desirable as a pot plant, also excellent for bedding or edging. Many showy colors. Pkt. 10c; ½ oz. 75c; ¾ oz. \$1.25.

Star Phlox—*P. cuspidata* Δ

- 3640 **Mixed.** Of dwarf habit, with very pretty star-shaped flowers. A novel variety; 1 foot. Pkt. 10c; ½ oz. 50c.

Hardy Perennial Phlox ^{HP} ●

P. decussata

- 3641 **Large-Flowering Mixed.** This hardy herbaceous perennial is entirely distinct from the varieties of Phlox Drummondii offered on this page, which are annuals. The seed is supplied in mixture only. Seed germinates slowly. Pkt. 15c; special pkt. 50c; ¾ oz. 75c.



Platycodon grandiflorum

Platycodon ^{HP} ●

Balloonflower, Japanese Bellflower

This belongs to the Campanula family. It is easy to grow forming large clumps within a few years after sowing. It is a native of China bearing large, broad, bell-shaped flowers during the summer and fall. Does best in a warm, well drained, light soil and can stand a little shade. Splendid in the perennial border or planted in the foreground to shrubbery.

- 3661 **Grandiflorum praecox giganteum—(New).** An extra-early-flowering Platycodon with magnificent blue flowers measuring as much as 4 inches across. The sturdy plants bloom profusely from August until frost. Of strong habit, growing 2½ feet high. Pkt. 25c; special pkt. 75c.

- 3663 **Grandiflorum.** The well-known large flowering variety with steel blue blooms. Pkt. 10c; ½ oz. 50c.

- 3664 — **album.** An equally effective variety with large pure white flowers. Pkt. 10c; ½ oz. 50c.

- 3662 — **Mariesi.** The deep blue flowers give a splendid effect in the garden. The plants grow from 12 to 15 inches in height. Pkt. 15c; special pkt. 75c.

Polemonium ^{HP}

Jacob's Ladder

- 3671 **Coeruleum.** A showy, upright growing perennial, 2 feet high, bearing profusely during May and June graceful spikes set with lovely bright blue flowers with yellow stamens. They are arranged in attractive little heads held above the graceful, finely divided leaves. It does best in a sunny position and in a light, well drained soil of moderate fertility. Some gardeners know this as Greek Valerian. Pkt. 10c; ½ oz. 25c.



Polemonium coeruleum



Polyanthus Invincible Giant

- 3678 Giant Munstead Strain.** A famous strain of exceptionally vigorous habit and very free flowering. The blooms come in white and shades of yellow. Pkt. 25c; special pkt. 75c.

- 3680 English Mixed.** A good grade of many beautiful and brilliant colors. Pkt. 15c; special pkt. 75c.



Potentilla Single Hybrids

Potentilla—Cinquefoil HP △

Attractive hardy plants for the border producing brilliantly colored, single or double flowers mostly in shades of orange, red, and crimson from June to August. Grows 18 inches high.

- 3775 Double Hybrids Mixed.** Many colors. Pkt. 25c; special pkt. 75c.

- 3776 Single Hybrids Mixed.** Very fine. Pkt. 15c; $\frac{1}{4}$ oz. 50c.

*Pueraria HP

Japanese Kudzu Vine

- 3835 Thunbergiana.** A very quick growing, hardy perennial reaching a height of 8 to 10 feet during the first year. There seems to be no limit to its growth after it has become established. In cool climates the vines die down to the ground but new shoots come up vigorously the following spring. Bears small racemes of rosy purple, pea-shaped blooms during the close of August. A splendid subject for covering verandas, dead trees, or to shut out unsightly views. Pkt. 10c; oz. 50c.

Polyanthus HP △ ●

Primula polyantha

These are horticultural crosses between the Cowslip (*Primula veris*) and the Primroses (*Primula vulgaris*). They have the large blooms of the Primroses combined with the cluster-flowering habit of the Cowslip. They like a moist, shaded position and a rich, well manured soil. Easily raised from seed.

- 3677 Invincible Giant.** We consider this the finest strain of Polyanthus in existence as it contains a particularly wide range of colors including every imaginable hue from pure white to the richest crimson. It is of strong growth and blooms very profusely. Pkt. 25c; special pkt. 75c.



Double Portulacas



Pyrethrum hybridum, Single Mixed

Portulaca—Sun Plant △ △

One of our showiest annual plants, of easy culture, thriving best in light loam or sandy soil and in an exposed sunny situation. The flowers are of the richest colors. Fine for massing in beds, edgings, or rock-work, and frequently used to sow broadcast over sunny banks, etc. Seed should not be sown until the weather is fairly warm and it is well to mix the seed with three or four times its bulk of dry sand or soil, which permits an even and easy distribution of the seed; 6 inches.

- 3770 Single Mixed.** A fine mixture of all colors. Pkt. 10c; $\frac{1}{4}$ oz. 25c; oz. 75c.

- 3760 Double Mixed.** A large percentage of the flowers will come double but even the few single ones which usually bloom first are desirable for their rich colors. They may be pulled up to let the bed show double ones only. Pkt. 10c; special pkt. 60c; $\frac{1}{4}$ oz. \$1.00.

Pyrethrum—Persian Daisy △ & HP ●

- 3841 Aureum (Golden Feather).** △ This is the well-known annual variety for dwarf borders or as an edging to beds. Attractive light yellow foliage and small, ball-shaped, white blooms. Grows 1 foot high. Pkt. 10c; $\frac{1}{4}$ oz. 25c.
- 3843 Hybridum roseum, James Kelway.** HP Large daisy-like blooms of a rich deep scarlet color. Very showy. Pkt. 20c; special pkt. 75c.
- 3844 Hybridum roseum, Rose.** HP A bright rose. Pkt. 15c; special pkt. 50c.
- 3846 Hybridum, Single Mixed.** HP This has large daisy-like flowers ranging in color from white to deep red, with bright yellow centers. Blooms in May and June, and again in the fall. It is one of the most graceful and long-lasting cut flowers; 2 feet. Pkt. 10c; $\frac{1}{4}$ oz. 60c.
- 3847 Hybridum grandiflorum, Mixed.** HP A large-flowering form of the above. Includes many lovely shades. 2 feet. Pkt. 15c; $\frac{1}{4}$ oz. 75c.
- 3845 Hybridum fl. pl., Mixed.** HP Seed saved from the finest double flowers. Only a small percentage can be expected to come double the first year; 2 feet. Pkt. 25c; special pkt. 75c.

Primula—Primrose

The charming and beautiful Chinese Fringed Primrose and Obconica varieties are indispensable for winter or spring decorations in the home or conservatory. They are one of the most important winter blooming pot plants. Sow in March, April, or May.

Giant Primula obconica TP

These are of the easiest culture in greenhouse or in a light window of the house, flowering abundantly and continuously with little care. Should be sown during the spring in good porous loam. They will not germinate well in any compost containing peat or leaf mould. To develop the colors to the highest degree, grow in heavy soil and at a temperature as near 60 degrees as possible.



Primula obconica

- 3821 Fasbender.** Glowing deep-red blooms of the largest size. A splendid variety. Pkt. 50c; special pkt. \$1.50.
3822 Rhine Pearl. A very striking variety with extra large blooms of a dark salmon-carmine. Pkt. 50c; special pkt. \$1.50.
3823 Mueller and Mohnstein. This represents splendid shades of crimson and rose. Pkt. 50c; special pkt. \$1.50.
3809 Gigantea Appleblossom. Pkt. 50c; special pkt. \$1.25.
3811 — kermesina. Rich crimson. Pkt. 40c; special pkt. \$1.25.
3812 — rosea. Pure rose color. Pkt. 40c; special pkt. \$1.25.
3813 — Salmon Queen. Beautiful salmon. Pkt. 50c; special pkt. \$1.25.
3815 — Mixed Colors. Pkt. 25c; special pkt. \$1.25.
3820 Grandiflora, Mixed Colors. Pkt. 25c; special pkt. 75c.

Chinese Primroses—Primula sinensis TP

The Dreer Peerless strain of Chinese Primroses is known for its excellence. It is vigorous, free blooming, and large flowered.

- | | PACKET |
|--|--------|
| 3784 Peerless Blue (True Blue) | \$0 50 |
| 3785 — White (Brook's White). Pure white..... | 50 |
| 3787 — Pink (Delicata). Soft Pink..... | 50 |
| 3783 — Scarlet (Chiswick Red Imp.). Rich scarlet..... | 50 |
| 3786 — Crimson (Crimson King). Rich luminous crimson. | 50 |

3789 Collection. One packet each of the 5 sorts. \$2.00.

- 3790 Peerless Mixed.** This mixture contains only the finest fringed large-flowering sorts and cannot fail to give entire satisfaction. Pkt. 25c; special pkt. \$1.00.
3791 Giant Flowering Mixed. This magnificent strain is of more robust growth. It produces immense trusses of extra large, finely fringed flowers in many new and novel colors; as a pot plant it is unequalled. Pkt. 50c; special pkt. \$1.50.



Primula malacoides, Snow Queen

Various Primroses TP

- 3826 Malacoides (Improved Baby Primrose).** Large whorls of delicate lilac. Pkt. 20c; special pkt. 75c.
3827 — Princess Mary (New). Of exceptional vigor with flowers often measuring one inch across. Deep rose-pink with light yellow eye. Very fine. Pkt. 50c; special pkt. \$1.50.
3828 — rosea superba. A beautiful variety with bright rose blooms. Pkt. 20c; special pkt. 75c.
3829 — Snow Queen (New). A vast improvement over the old malacoides alba. The flowers are considerably larger and they are pure white. Pkt. 50c; special pkt. \$1.25.
3824 Kewensis. A splendid house plant with pleasing bright yellow flowers borne profusely on long stems. It has a delightful fragrance. Pkt. 25c; special pkt. 75c.

Hardy Primroses HP △ ●

These hardy Primroses are among our most delightful spring flowers. They do best when planted in a partially shaded location and where they have a fair quantity of moisture.

- 1500 Auricula.** A well-known favorite of great beauty. This seed has been saved from extra choice plants of many colors. 6 inches. Pkt. 25c; special pkt. 75c.
3825 Japonica (Japanese Primrose). A fine hardy Primrose growing about 18 inches high. Has large showy colorful blooms borne in whorls 6 to 9 inches long. Mixed colors. Pkt. 15c; special pkt. 75c.
3830 Vulgaris (English Primrose). A very showy variety with large, fragrant, canary yellow blooms set against the rich green foliage. Pkt. 20c; special pkt. 75c.

Hardy Polyantha Primroses HP △ ●

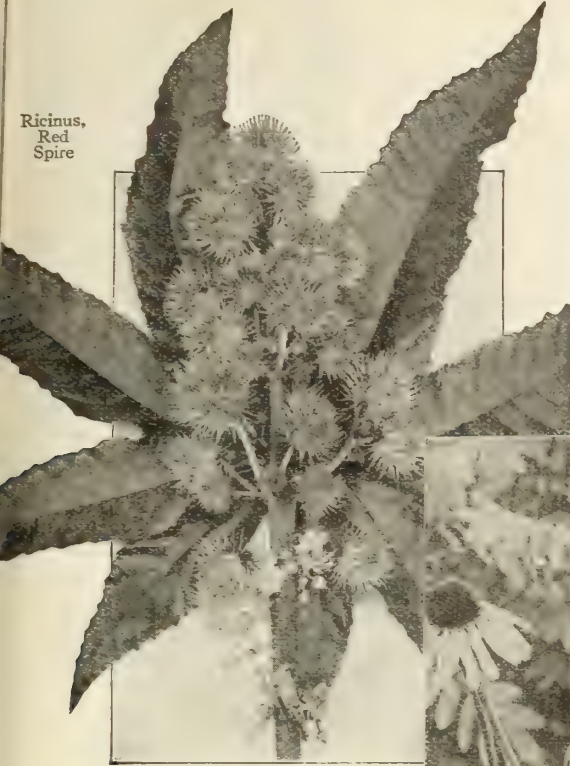
Primula polyantha—Polyanthus

These interesting and showy cluster-flowered Primroses are horticultural crosses between Primula veris and Primula vulgaris. They combine the cluster-flowered habit of the veris with the size of the vulgaris species. Plant them in a moist, rich soil.

- 3677 Invincible Giant.** A magnificent strain with extra large flowers borne in magnificent umbels on sturdy little stems above the rich green foliage. The color range is very varied and extensive. Contains everything from purest white to deepest crimson. Pkt. 25c; special pkt. 75c.
3678 Giant Munstead Strain. Lovely large, well formed blooms arranged in giant umbels on strong sturdy stems. Extremely free flowering and showy. It differs from the Invincible Giant in that the flowers are either white or any of the many different shades of yellow—from a faint primrose to deepest gold. Pkt. 25c; special pkt. 75c.
3680 English Mixed. A glorious strain with strong plants bearing an abundance of large flowered clusters. Includes a wide range of colors. Pkt. 15c; special pkt. 75c.

Write for the interesting Dreer Leaflet
 "Growing Flowers from Seed." Sent free.

Ricinus,
Red
Spire



Ricinus Ⓐ
Castor Oil Bean

Very ornamental and picturesque plants of stately growth. They give a sub-tropical effect in the garden and have brilliantly colored fruits. Fine for the lawn and for massing.

3862 Cambodgensis. The stems and leaf stalks are shining ebony. The color of the large, richly colored foliage varies as the plant grows; 5 feet. Pkt. 10c; oz. 30c.

3863 Gibsoni. Deep red foliage. 5 feet. Pkt. 10c; oz. 30c.

3866 Panormitanus. A strong grower, 6 feet high, with immense leaves of a rich dark brown color; of rich tropical appearance. Pkt. 10c; oz. 50c.

3865 Sanguineus. The stalks are rich blood red and so are the clusters of fruits. 7 feet. Pkt. 10c; oz. 25c.

3867 Red Spire. Bushy plants, 6 feet high, with pretty palmate leaves of a bronzy green with prominent red ribs and veins. Crimson fruits. Very fine. Pkt. 10c; oz. 30c.

3870 Zanzibariensis. A distinct species of gorgeous splendour. Has gigantic leaves. Includes light and dark green as well as dark colored plants. Pkt. 10c; oz. 30c; ½ lb. \$1.00.

3869 Collection. One packet each of the above 6 varieties, 40c.

3880 Mixed. A general mixture of many fine varieties. Pkt. 10c; oz. 25c; ½ lb. 75c.

Rainbow Corn—Zea japonica variegata Ⓐ

2662 As an ornamental foliage plant this is not only highly effective but also very interesting. The plants grow about 5 feet high. They are quite bushy and have prettily variegated foliage; the leaves being striped with bright green, silvery white, rosy purple, and sulphur yellow. Makes a pretty dividing line between the vegetable and flower garden. Pkt. 10c; oz. 25c.

Rhodanthe—Swan River Everlasting Ⓐ

3860 Mixed Colors. A charming annual which succeeds best in a light rich soil and in a warm sheltered position. Also splendid for pot culture. Valuable for garden display and for winter bouquets. Grows one foot high. Pkt. 10c; ¼ oz. 25c.

Rosemary HP Ⓐ

3895 Rosmarinus officinalis. An old favorite aromatic herb with a delightful fragrance. The flowers are light blue and are borne profusely on plants about 2 feet high. It should be planted in a warm dry situation and given a little protection during the severe winter weather. The leaves are also used for seasoning diverse dishes. Pkt. 10c; ¼ oz. 30c.



Rudbeckia purpurea—
Giant Purple Cone Flower

Rudbeckia Ⓐ & HP ●
Cone Flower

3901 Bicolor superba. Ⓐ Dense bushy plants 2 feet high covered with golden yellow flowers around a brown disc. Very effective in the garden besides giving a fine lot of showy cut flowers. Pkt. 10c; ¼ oz. 25c.

3902 Newmani. HP Bright orange-yellow petals and a large black cone in the center. Grows 3 feet tall and blooms in the autumn. Pkt. 15c; special pkt. 50c.

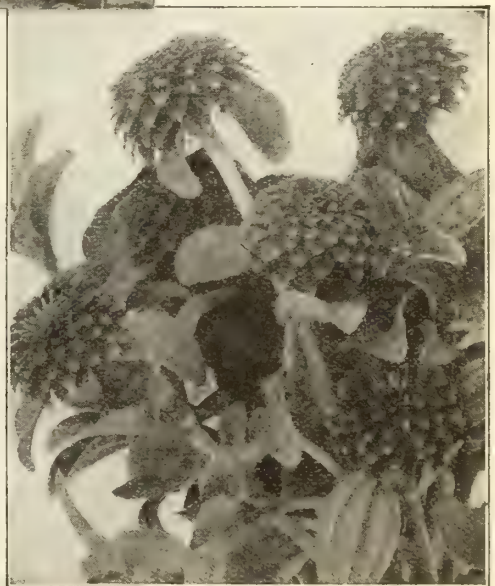
3903 Purpurea (Giant Purple Cone Flower). HP Large, reddish purple flowers 4 inches across. Blooms all summer long. 3 feet high. Pkt. 10c; ¼ oz. 50c.

**Key to the Symbols
of Longevity.**

- Ⓐ = Annual
- Ⓑ = Biennial
- TP = Tender Perennial
- HP = Half-Hardy Perennial
- HP = Hardy Perennial.

Sanvitalia Ⓐ Ⓐ
Creeping Zinnia

3938 Procumbens fl. pl. The popular name Creeping Zinnia refers to the dwarf, creeping growth of the plants which makes them particularly fine for dwarf beds, edges, or for borders. They also are good in vases, baskets, etc. Showy bright yellow, double blooms not unlike small Zinnias, during the summer and early fall. Pkt. 10c; special pkt. 50c.



Sanvitalia procumbens fl. pl.

Salvia splendens—Scarlet Sage (A)

The Scarlet Sage is an indispensable bedding plant. Its fine qualities and unusually rich color make it the most effective material to bring color into the summer and fall garden. Suited for beds, borders, or as individual specimens. Start the seed indoors or in the hotbed early and set out when the weather has become settled.



Salvia, Dreer's America

3936 Dreer's America

Undoubtedly the earliest, freest, and most continuous bloomer of all Scarlet Sages, and what is still more important, the most uniform in habit of growth. The bushy plants do not grow over 15 inches high, with the spikes of brilliant scarlet flowers thrown well above the plant, making a total height of about 2 feet. The importance of this uniformity will be appreciated by those who use Scarlet Sage for beds or borders. We grow our own stock from cuttings taken from plants specially selected for uniformity of height, color, and free flowering habit. Pkt. 25c; special pkt. 75c; $\frac{1}{4}$ oz. \$1.50.

3932 Bonfire (Clara Bedman). Lovely round bushes, 2 feet high and as wide. Has brilliant scarlet flower spikes that stand clear above the dark green foliage. Pkt. 15c; special pkt. 60c; $\frac{1}{4}$ oz. \$1.00.

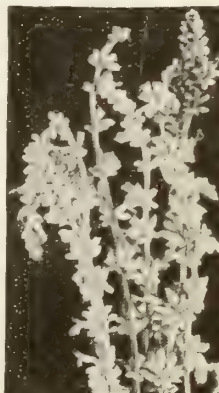
3935 Splendens (Scarlet Sage). Beautiful bright scarlet. 3 feet. Pkt. 10c; special pkt. 50c; $\frac{1}{4}$ oz. 75c.

3933 Harbinger. Dwarf, compact plants reaching a height of 18 inches. The dark green foliage is practically hidden from midsummer until frost by the vivid scarlet flowers. Blooms continuously. Pkt. 25c; special pkt. 75c.

Mealeycup Salvia (HP)

3929 Farinacea (HP). Often grown as an annual. Sown in May it will bloom from July until frost. Showy light blue flowers. 3 ft. Pkt. 10c; special pkt. 50c; $\frac{1}{4}$ oz. 75c.

3927 Farinacea, Blue Bedder (HP). A more compact form than the above and therefore more desirable for bedding. The flowers are a deeper blue and they are borne on elegant long spikes. Splendid for garden display and for cutting. Hardy with protection. Pkt. 25c; special pkt. 75c.

Salvia farinacea
Blue Bedder**Blue Salvia**

3928 Azurea grandiflora (HP). A hardy perennial growing 3 feet tall. Produces very showy flower spikes during August and September. The prominently lipped blooms are sky blue. Pkt. 15c; special pkt. 75c.

3931 Patens (Blue Sage) (TP).

A splendid Salvia for the border or the greenhouse. Has extra large flowers of a magnificent ultramarine blue color. 2 feet high. Pkt. 25c; special pkt. 75c.



Salvia azurea grandiflora

Salpiglossis—Painted Tongue, Velvet Flower

These are one of the very finest annuals. They succeed in any good soil and in a sunny position. The plants grow from 24 to 30 inches high and produce from mid-summer until frost attractive Gloxinia-like blossoms in a very large and unusual range of colors. They are splendid for cutting. Seed may be started indoors or in a hotbed about the end of March, or sown outdoors when danger from frost is passed and the ground is in good condition. The plants should be set about 12 inches apart.

For color illustration
of Salpiglossis
see page 34



Salpiglossis, Improved Large-flowering

Improved Large-Flowering Varieties

3912 Crimson.

3915 Rose and Gold.

3913 Primrose.

3916 Scarlet and Gold.

3914 Purple and Gold.

3917 White and Gold.

Any of the above: Pkt. 10c; special pkt. 50c; $\frac{1}{4}$ oz. 75c.

3919 Collection. One packet each of the above 6 sorts, 50c.

3918 Collection. One special packet each of the 6 sorts, \$2.50.

3920 Finest Mixed Colors. Pkt. 10c; $\frac{1}{4}$ oz. 50c; oz. \$1.50.

Saponaria—Soapwort (A) & (HP)

3939 Ocyroides (HP). Δ A showy hardy plant splendid for the rock garden or dwarf border. Covered during the early summer with small, bright rose blooms. Of spreading habit growing 9 inches high. Pkt. 10c; special pkt. 25c.

3940 Vaccaria (A). This is a very pretty and useful annual variety which grows about 2 feet tall and bears great masses of showy satiny pink flowers somewhat like an enlarged Gypsophila. It is easy to grow and makes a splendid display in the border besides being fine to add grace to mixed flower bouquets. Pkt. 10c; oz. 30c.



Saponaria vaccaria

Hardy Perennial Scabiosa (HP)

A charming class of attractive perennials highly valued for planting in the border and for cutting since the large graceful flowers are carried on fine long stems. They are of easy culture, requiring a well drained soil of moderate fertility. Sandy loam enriched with well decayed manure suits them to perfection. Good for a sunny position. Space the plants 18 inches apart.

3941 Caucasica (*Blue Bonnet*). One of the handsomest of the hardy perennial Scabiosas, especially valuable for cutting. The soft lavender-blue blooms last a long time in water. 3 feet. Pkt. 15c; special pkt. 75c.

3942 Japonica. This is a Japanese variety forming well-rounded bushes 2½ feet high. They bear a great profusion of beautiful, long stemmed, lavender-blue flowers. Splendid for cutting. Pkt. 10c; ¼ oz. 40c.

3946 Columbaria Pink. A contribution from South Africa. Has extra-large flowers, 2 to 2½ inches across, of a beautiful soft pink color. Grows 1 to 2 feet high. Pkt. 20c; special pkt. 75c.



Scabiosa, Giant Hybrids

3947 Giant Hybrids (*Isaac House Strain*). A great improvement over the Caucasica, being more vigorous with larger and longer stems and heavier petals, which are ruffled as well as slightly frilled on the edges. Colors range from light to darkest blue, but delicate lilac and mauve predominate. Pkt. 25c; special pkt. 75c.



Large-Flowering Scabiosa

Large-Flowering
Annual Scabiosa (A)
Mourning Bride—Sweet Scabious
—Pincushion Flower

These are great favorites with many of our customers. Seed can be sown any time in the spring after danger of frost is past. They grow 2½ to 3 feet high and come into bloom early in July, and continue without interruption until hard frost. The beautiful flowers, in exquisite shades, are borne on long stems, and when cut keep in perfect condition for the best part of a week. They make effective borders or beds, and no garden is complete without Scabiosas, especially where flowers are wanted for cutting.

	PACKET	SPECIAL PACKET
3943 Azure Fairy. Clear lavender-blue.....	\$0 10	\$0 25
3944 Crimson. Rich rosy crimson.....	10	25
3952 King of the Blacks. Velvety black-purple	10	25
3953 Loveliness. Lovely, large, well-rounded, fully double blooms of varying tones of soft and delicate salmon-rose.....	15	40
3955 Peachblossom. Soft peach-blossom pink.	10	25
3957 Shasta. Very large, pure white.....	10	25

3959 Collection. One packet each of the 6 colors. 50c.

3966 Collection. This contains a special pkt. each of the above 6 beautiful colors. \$1.25.

3960 Mixed. Contains all colors. Pkt. 10c; ¼ oz. 25c; oz. 60c.

Scarlet Runner Beans (A)

3595 Phaselous coccineus. A splendid ornamental climbing bean bearing handsome large sprays of bright scarlet, pea-shaped blossoms followed by edible beans of good flavor which, however, should be picked before they reach too large a size. Large, showy, rich green foliage. Pkt. 10c; ¼ lb. 25c; lb. 45c.

Schizanthus—Butterfly or Fringe Flower ④

This is one of the airiest and daintiest flowers imaginable, especially adapted to bordering beds of taller flowers and those of a heavier growth. The seeds germinate quickly and come into bloom in a few weeks from sowing. The florescence is such as to completely obscure the foliage, making the plant a veritable pyramid of the most delicate and charming blooms. The Schizanthus make admirable pot plants for the house in late winter and early spring. For this purpose sow in the autumn.



Schizanthus—Butterfly or Fringe Flower

3968 Giant Flowering Hybrids. An extra-select strain, specially useful as a pot plant for the house or conservatory. Magnificent blooms the size of a silver dollar in a perfect blend of colors. Remarkably free flowering and presents a beautiful appearance with its myriads of bloom. Pkt. 25c; special pkt. 75c.

3970 Mixed (Wisetonensis). A splendid mixture which forms pretty plants about 18 inches high. They have attractive, light green, feathery foliage and are covered with blooms throughout the entire summer. Also fine for cutting. Pkt. 10c; ¼ oz. 25c; oz. 75c.

3967 Dwarf Large-Flowered Mixed (Dr. Badgers Hybrids). Forms compact pyramidal plants a foot high, literally covered with large beautiful orchid-like flowers in a bewildering range of color. Pkt. 15c; ¼ oz. 50c.

Shasta Daisy, See Chrysanthemum, page 23.

Sidalcea—Prairie Mallow ④

Sidalcea, Rosy Gem

3979 Rosy Gem. A graceful hardy perennial with flowers not unlike miniature Hollyhocks. They are carried on slender spikes reaching a height of 3 feet. The color of the blooms is a lovely soft rose. They are borne profusely during July and August. Plant in a sunny position and good ordinary garden soil, but do not let them suffer from want of water during periods of drought. Pkt. 15c; special pkt. 50c.

Smilax—Myrsiphyllum asparagoides ④

3981 In many respects Smilax is the most useful, and it is certainly one of the most graceful climbers which adorns the greenhouse or conservatory; for bouquets and floral decorations it is indispensable. Pkt. 10c; ¼ oz. 25c; oz. 75c.

Solanum—Jerusalem Cherry ④

3987 Cleveland Red. A greatly improved form of this very useful pot plant for winter decoration. It is of dwarf, branching habit; leaves small and oval shaped, bearing in the greatest profusion bright scarlet globular berries. Very ornamental; 1 foot. Pkt. 15c; special pkt. 40c.

Statice—Annual Varieties ④

These have become quite popular, the flowers being used extensively in combination with other Everlastings in the making of winter bouquets. The seeds are supplied in the dried flower heads which may be started indoors or sown in the open when the weather gets warm. In order to secure satisfactory germination the flower heads should be somewhat pulled apart and placed in the soil on their sides; 18 inches.



Statice sinuata

3996 Sinuata rosea superba. A lovely bright rose.

3997 — Lavender. A clear and lovely color.

3998 — True Blue. A shade of great appeal.

3999 — alba. Has lovely white blooms.

3995 Bonduelli. The blooms are rich lemon yellow.

Any of the above: Pkt. 10c; ¼ oz. 25c.

3994 Suworowi (Russian Cat-tail Statice). Elegant long tail-like spikes closely set with beautiful, small rose-colored blooms. Pkt. 10c; special pkt. 30c.

3993 Collection. One packet each of the above 6 sorts. 40c.

Perennial Statice—Sea Lavender ④ ④

Splendid hardy perennials either for the border or rockery, producing all summer panicles of minute flowers which can be dried and used for winter bouquets.

3988 Latifolia. Small, purplish blue flowers borne most profusely. 3 feet high. Pkt. 10c; special pkt. 40c.

3989 Caspia. Bears a multitude of small lilac blooms gracefully arranged on spikes 2 to 3 feet tall. A very pretty variety. Pkt. 15c; special pkt. 75c.

3991 Dumosa. Dense clusters of closely set, pure silver gray blooms. Splendid for the rock garden and for cutting. 2½ ft. Pkt. 25c; special pkt. 75c.

3990 Incana, Mixed. This contains many sorts of the hardy Statice varieties. Pkt. 10c; ¼ oz. 30c.

Stevia—Piqueria ④

4001 Serrata. A free blooming Central American plant bearing a multitude of fragrant, pure white flowers. It blooms freely during the summer or winter and is used extensively for cutting. Pkt. 15c; special pkt. 50c.

Stocks—Gilliflower ④

Stocks are one of the most popular annuals either for bedding or pot culture. For brilliance and diversity of color, fragrance, profusion, and duration of bloom they are unsurpassed.



Early Giant Imperial Stocks

Early Giant Imperial Stocks

A strain of early-flowering Winter or Brompton Stocks, forming much-branched plants about 2½ feet high and having numerous spikes of very large, double, delightfully fragrant flowers. If sown in February or March will produce plants that will bloom out of doors from mid-summer till frost.

- 4041 Antique Copper.** A new and very attractive color—rich hellebore red. Pkt. 20c; special pkt. 75c.
- 4053 Buttercup (New).** A rich deep tone of lovely buttercup yellow. Pkt. 25c; special pkt. 75c.
- 4061 Elk's Pride.** Lovely large well-formed flowers of a rich royal purple. Pkt. 20c; special pkt. 75c.
- 4044 Fiery Blood Red.** This rich and bright color is particularly pleasing. Pkt. 20c; special pkt. 75c.
- 4047 Lavender.** Lovely. Pkt. 20c; special pkt. 75c.
- 4042 Old Rose.** A very beautiful shade of old rose. Always fully double. Pkt. 20c; special pkt. 75c.
- 4043 Rose Pink.** Very pretty. Pkt. 20c; special pkt. 75c.
- 4054 Shasta (New).** A giant, vigorous, robust, glistening white variety with extra long stems. Pkt. 25c; special pkt. 75c.

4049 Collection. One packet each of the above 8 Early Giant Imperial Stocks. \$1.25.

- 4050 Finest Mixed.** This includes all the very finest colors available in this type. Pkt. 15c; special pkt. 75c.

Large Flowering 10-Week Stocks

This is the leading class for bedding out for summer blooming, coming into flower quicker than the other types; 12 to 15 inches high.

- | | |
|---------------------------|-------------------------|
| 4015 Purple | 4011 Blood Red |
| 4016 Pure White | 4013 Light Blue |
| 4017 Canary-Yellow | 4014 Bright Pink |

Any of the above: Pkt. 10c; special pkt. 60c.

- 4018 Collection.** One packet each of the above 6 colors. 50c.

- 4020 Mixed.** A very fine mixture. Pkt. 10c; special pkt. 60c.

Cut-and-Come-Again Stocks

Splendid perpetual-blooming class. Sown in March or April they begin flowering in July, continuing till frost. They are especially valuable during September and October, when other flowers are scarce. They throw out numerous side branches, all bearing very double, fragrant flowers; 2 feet.

- | | |
|--|---|
| 4031 Princess Alice. White..... | } Any of these:
Pkt. 15c;
special pkt. 75c. |
| 4032 La France. Rose..... | |
| 4033 Brilliant. Blood red..... | |
| 4034 Sapphire. Dark blue..... | |
| 4035 Creole. Creamy yellow..... | |
| 4036 May Queen. Delicate lilac..... | |

4039 Collection. One packet each of the above 6 Cut-and-Come-Again Stocks. 60c.

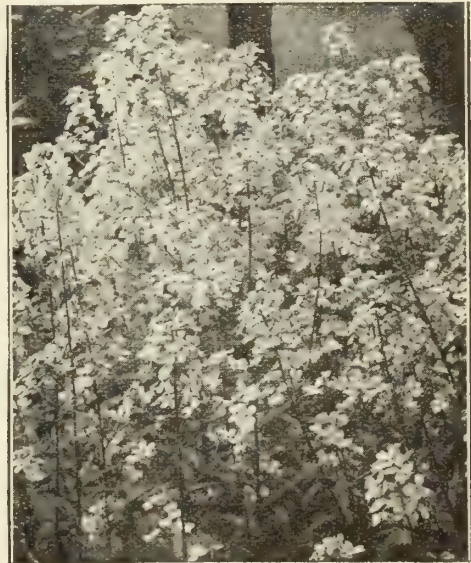
- 4040 Finest Mixed Colors.** Pkt. 10c; special pkt. 60c.

Stokesia—Cornflower Aster, Stoke's Aster ④

- 4051 Cyanea.** This is a beautiful native hardy perennial. The plants grow about 24 inches high, each bearing from 20 to 30 handsome lavender-blue Cornflower-like blossoms; from July till frost. Pkt. 15c; special pkt. 50c.

- 4052 — alba.** A pure white-flowering form. Pkt. 15c; special pkt. 50c.

- 4060 — Mixed.** A number of colors. Pkt. 15c; special pkt. 60c.



Sweet Rocket—Hesperis

Sweet Rocket—Hesperis ④ ●
Dame's Rocket, Dame's Violet

- 4280 Matronalis, Mixed.** Old-fashioned hardy garden plants. Grows about 3 feet high and bears spikes of showy white, lilac, and purple fragrant flowers. Excellent for naturalizing among shrubbery or for planting in a permanent border. Pkt. 10c; ¼ oz. 20c; oz. 60c.



Dreer's "Incomparable" Sweet Peas

Collections of Dreer's Incomparable Orchid-Flowered Sweet Peas

We have combined in these collections a wide range of beautiful colors which harmonize well. They will give a splendid display in the garden and yield lots of blooms for cutting.

- 4208 One packet each of 6 varieties, our selection. 40c.
- 4218 One packet each of the 12 starred* varieties. 80c.
- 4228 One packet each of all 34 varieties listed. \$2.50.
- 4209 One ounce each of 6 varieties, our selection. \$1.15.
- 4219 One ounce each of the 12 starred* varieties. \$2.25.
- 4229 One ounce each of all 34 varieties listed. \$7.00.

Dreer's Orchid-Flowered 4230 Sweet Peas in Mixture

(Summer Flowering)

Those who wish all colors in a well-balanced proportion will find this special Dreer Mixture superb in every way. It has been carefully blended to insure a well-balanced range of desirable colors and it would be impossible to get anything of higher quality at any price. Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 60c; lb. \$2.00

Culture of Sweet Peas: Sow as early in the spring as the ground can be prepared in rich, deeply worked soil with good drainage. Cover the seeds about 2 inches deep with fine soil and supply support to the growing vines before they grow too large. Prevent injury by green fly or aphids spraying periodically with Black Leaf 40, New Evergreen, Garden Volck, or Red Arrow (see page 195). Keep well watered during dry periods. One ounce of seed will plant a row about 15 feet long.

Dreer's "Incomparable" Orchid-Flowered SWEET PEAS [®]

Lathyrus odoratus

Summer Flowering Garden Varieties

You will find that our list of Sweet Peas brings to you a careful selection of the very finest varieties of today. All are large flowered and free blooming.

Blue and Purple

- 4073 **Blue Bell.** Lovely large clear blue flowers.
- 4128 **Heavenly Blue.** Immense flowers of a real Delphinium blue. Well placed on good strong stems.
- 4175 ***Olympia.** Very large rich purple blooms.
- 4193 ***Reflection.** A clear Cornflower blue. The flowers are well waved and set on long stems.

Lavender and Light Blue

- 4065 **Ambition.** Well-formed blooms of rich rosy lavender.
- 4064 ***Austin Frederick Improved.** Soft lavender.
- 4120 **Gleneagles.** One of the loveliest light blue.
- 4188 **Powerscourt.** Gigantic pure lavender blooms.

Pink and Rose

- 4076 **Bon Bon.** Glorious rich pink blooms with a fine shading of amber. Exceptionally beautiful.
- 4078 ***Brilliant Rose.** Brilliant, large, tyrian rose blooms.
- 4081 **Charming.** Bright cerise flowers of largest size.
- 4091 **Damask Rose.** A satiny shade of deep rose.
- 4124 **Hawmark Pink.** A distinct rose-pink shade attractively suffused with clear salmon.
- 4151 **Mary Pickford.** Nicely waved petals of a dainty clear pink faintly suffused salmon. Fine four-flowered sprays.
- 4185 ***Picture.** Gigantic blooms borne freely. An attractive tint of pink suffused with creamy apricot.
- 4186 ***Pinkie.** A strong and vigorous grower with large blooms of a charming rose-pink.
- 4195 **Rosie.** Deep rose-pink blooms, richer and deeper than Pinkie. Of elegant form and larger size.
- 4205 ***Supreme.** An exquisite shade of soft pink.
- 4216 **Valentine.** Extra large blooms of fine blush pink.

Crimson and Maroon

- 4080 **Charity.** A brilliant crimson which does not fade.
- 4088 ***Crimson King.** The finest and richest crimson.
- 4148 **Leviathan.** Impressive rich maroon flowers.

Scarlet

- 4112 **Flamingo.** Fiery orange-scarlet shaded with cerise.
- 4135 ***Huntsman.** A wonderful bright shade of sun-proof scarlet.

Primrose and Light Yellow

- 4092 **Daffodil.** Beautifully fringed and waved. Rich cream.
- 4224 ***What Joy.** Considered the best cream variety.

Orange and Scarlet

- 4149 **Mammoth.** Immense blooms of blazing orange-scarlet.
- 4155 ***Miss California.** Orange-salmon and cream-pink.
- 4158 **Mrs. A. Searles.** Bright orange-cerise. Strong grower.
- 4187 **Pirate Gold.** Well-formed large blooms of an intense golden orange color.

White

- 4066 **Avalanche.** A glistening white of great substance.
- 4084 ***Constance Hinton.** A fine black-seeded white.
- 4157 **Model.** Another splendid black-seeded white.

Mauve

- 4082 **Chieftain.** A very attractive pure satiny mauve.
- Any of the above:
Pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. 75c.

Dreer's "Incomparable"
Early-Flowering
Orchid or Spencer
SWEET PEAS [®]

For the Greenhouse and Early Outdoor Beds

These Early or Winter Flowering Sweet Peas are of the true Orchid or Spencer type. They have beautiful, large, well formed blooms carried in threes or fours on elegant long stems. They were primarily developed for florists to be grown in the greenhouse during the winter where the summer flowering varieties refuse to bloom satisfactory. Our list has been made up with the utmost care, and though not long it includes all the finest varieties in existence. Besides growing them in the greenhouse they have proved exceptionally valuable in our own southern states and other countries with a sub-tropical climate. If sown there in September they will bloom by Christmas. The northern home gardener will find them valuable to secure Sweet Pea flowers a week or two ahead of the summer-flowering varieties by sowing the seed early in the spring as soon as the ground can be prepared thoroughly. It is well to remember that the seeds of the white-seeded varieties are somewhat more delicate and for that reason they always should be sown in a layer of sand that is placed in the planting furrow.

Dreer's "Peerless" Ten—Newer Varieties
Early-Flowering

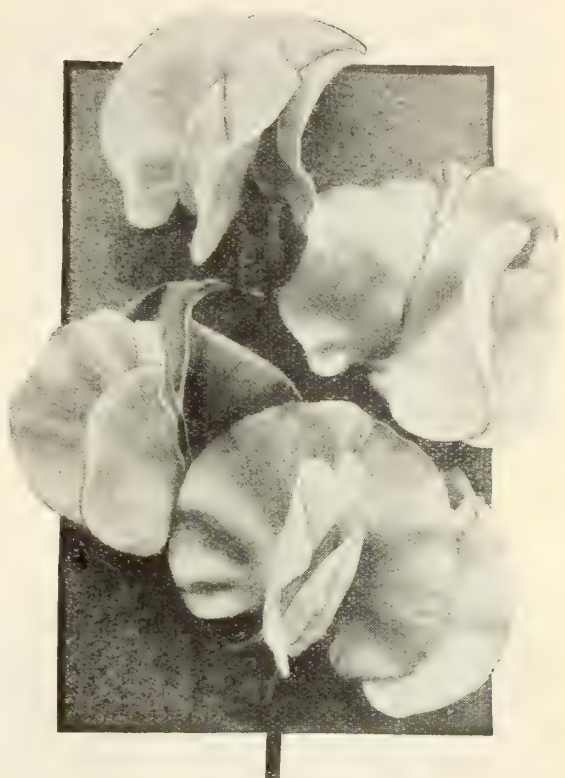
- 4251 Annie Laurie.** The richest pure rose-pink Sweet Pea ever produced. It is several tones richer than either Majestic Rose or Zvolanek's Rose, representing a marked improvement over these well-known varieties. Pkt. 15c; $\frac{1}{2}$ oz. 40c; oz. 75c.
- 4236 Blue Bonnet.** An extra-large clear deep blue. Long stemmed. Pkt. 15c; $\frac{1}{2}$ oz. 35c; oz. 60c.
- 4241 Exposition Pink.** A gorgeous rich pink better than any other in this class. A fascinating color. Elegantly long stemmed four-flowered sprays. Pkt. 25c; $\frac{1}{2}$ oz. 75c; oz. \$1.25.
- 4245 Grenadier.** Brilliant glowing poppy scarlet. Very large and free blooming. Pkt. 15c; $\frac{1}{2}$ oz. 40c; oz. 75c.
- 4248 Lady Gay.** This is a soft shrimp pink. Has a most lovely appeal. Pkt. 15c; $\frac{1}{2}$ oz. 35c; oz. 60c.
- 4255 Lavanda.** Magnificent, large, well-waved flowers carried in fours on long strong stems. Richly perfumed flowers of a lovely lavender color. Pkt. 25c; $\frac{1}{2}$ oz. 75c; oz. \$1.25.
- 4250 Majestic Rose.** Immense flowers of a deep brilliant rose-pink. Unexcelled in vigor, length of stems, and size. Pkt. 15c; $\frac{1}{2}$ oz. 40c; oz. 75c.
- 4254 Satin Rose.** Large, beautifully formed flowers representing an exquisite blend of rose and amber with a salmon sheen. Pkt. 15c; $\frac{1}{2}$ oz. 35c; oz. 60c.
- 4260 Valencia.** A bright orange which is absolutely sun proof. Vigorous, long stemmed, very large, and exceptionally colorful. Pkt. 15c; $\frac{1}{2}$ oz. 40c; oz. 75c.
- 4275 White Harmony.** The finest black-seeded early white Sweet Pea. Pkt. 15c; $\frac{1}{2}$ oz. 35c; oz. 60c.

4267 Collection. One packet each of the above 10 Peerless Early-Flowering Sweet Peas. \$1.25.

4266 Collection. $\frac{1}{2}$ oz. each of the above 10 Peerless Early-Flowering Sweet Peas. \$4.00.

Dreer's Early Orchid-Flowered
Sweet Peas in Mixture

- 4270** The greatest care has been exercised in blending this superb special mixture so as to have a complete and well-balanced color representation. Pkt. 10c; oz. 50c; $\frac{1}{4}$ lb. \$1.50; lb. \$5.00.



Early-Flowering Orchid Sweet Pea

Twelve Choice
Early-Flowering Orchid or Spencer
Sweet Peas

From the long list of early-flowering Sweet Peas we have selected these 12 as the finest standard sorts. All are large flowering, profuse blooming, and long stemmed.

- 4234 Aviator.** Choice blooms of a dazzling crimson-scarlet.
- 4238 Columbia.** Lovely salmon-rose with white wings.
- 4239 Cream, or Meadow Lark.** Lovely primrose yellow.
- 4240 Chevalier.** Well-formed blooms of a true rose color.
- 4249 Fascination.** The salmon rose-pink color of Hawlmark Pink combined with the strong stems of Jeanne Mamitsch.
- 4243 Glitters.** A glistening fiery orange. Strong growing.
- 4246 Harmony.** Finest clear lavender.
- 4247 Imperial Pink.** A continuous blooming clear pink.
- 4261 New Blue.** This is the very finest rich deep blue variety. $\frac{1}{2}$ oz. 40c; oz. 75c.
- 4257 Snowstorm Improved.** A white-seeded pure white.
- 4262 Vulcan.** A burning dazzling scarlet-cerise.
- 4263 Zvolanek's Rose.** The standard rich rose variety.

Any of the above except where noted:

Pkt. 15c; $\frac{1}{2}$ oz. 35c; oz. 60c.

4268 Collection. One packet each of the above 12 choice Early-Flowering Sweet Peas. \$1.25.

4269 Collection. One oz. each of the above 12 choice Early-Flowering Sweet Peas. \$6.00.

Cupid, Dwarf, or Bedding
Sweet Peas

- 4063 Cupid Mixed.** These are summer-flowering Sweet Peas for the garden where they may be used for beds and borders as they grow 6 inches high and about a foot wide. They bloom from June until late summer. Our mixture includes a wide range of beautiful colors. Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 60c; lb. \$2.00.

Sweet William—*Dianthus barbatus* HP ●

A well known, attractive, free-flowering hardy perennial, producing a splendid effect in beds and borders with their rich and varied flowers. It is much better to raise new vigorous young plants from seed every season than to divide the old plants; 18 inches.

4282 Newport Pink. In color it is what florists call Watermelon pink or salmony rose. Strikingly brilliant and beautiful; the flowers are borne in massive heads on stems 18 inches high. Very effective for cutting or midseason mass bedding. Pkt. 15c; special pkt. 30c; $\frac{1}{4}$ oz. 50c.

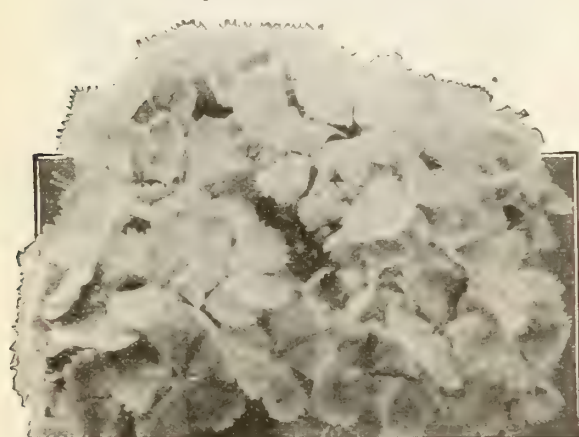
4281 Scarlet Beauty. A very effective rich deep scarlet. Pkt. 15c; special pkt. 30c; $\frac{1}{4}$ oz. 50c.

4283 Single Diadem. Showy crimson flowers with large white eye. Pkt. 10c; $\frac{1}{4}$ oz. 25c; $\frac{1}{2}$ oz. 40c.

4286 Single Velvety Maroon. This is a most unusual color. Pkt. 10c; special pkt. 25c; $\frac{1}{2}$ oz. 40c.

4288 Single Pure White. Pkt. 10c; special pkt. 25c; $\frac{1}{2}$ oz. 40c.

4289 Collection. One packet each of the above 5 splendid Sweet Williams. 40c.



Single Sweet William

4290 Single Mixed. Pkt. 10c; $\frac{1}{4}$ oz. 25c; oz. 60c.

4297 Double Mixed. Pkt. 10c; $\frac{1}{4}$ oz. 30c; oz. \$1.00.

4291 Holborn Glory Mixed. This strain is a large-flowered selection of the Auricula-eyed section, the most beautiful and admired of all Sweet Williams. The individual flowers and trusses are of extraordinary size, while the range of color, all showing a clear white eye, is superb. Pkt. 10c; $\frac{1}{4}$ oz. 30c.

4300 Dwarf Alpine Mixed (New). △ A very showy, very low growing and compact Sweet William in a beautiful range of colors. Pkt. 25c; special pkt. \$1.50.

Hybrid Sweet Williams HP ●

2342 Latifolius atrococcineus fl. pl. (Everblooming Hybrid Sweet William). This is a cross between an annual Pink and Sweet William, combining the free and continuous blooming qualities of the former with the hardness of the latter; in color an intense velvety crimson-scarlet. Pkt. 15c; $\frac{1}{4}$ oz. 50c.

2343 Latifolius, Double Mixed. In addition to crimson this mixture contains purple, violet, and rose. Pkt. 10c; $\frac{1}{4}$ oz. 40c.

Sweet Wivelsfield A

2331 Hybrid Dianthus. This new hardy annual Dianthus resembles a large flowering Sweet William. It is distinct in habit and freedom of growth. Its flowers are carried more gracefully in loose heads, well above the foliage. Includes a greater variety of coloring, the predominating colors being reds, pinks, and crimsons. Makes an excellent flower for cutting. Grows about 12 inches in height and if started in heat in February or early March will bloom continuously from June until October; sown in the open ground in April or later it will flower late in the summer. Pkt. 15c; special pkt. 50c; $\frac{1}{4}$ oz. 75c.

For other *Dianthus*, see pages 28 and 29.



Tagetes signata pumila

Tagetes—Miniature Marigold A △

4301 Signata pumila. A dwarf compact annual Marigold of bushy growth with beautiful fern-like foliage and covered with bright golden yellow blooms. Grows 9 inches high and blooms all season long. Pkt. 10c; $\frac{1}{4}$ oz. 40c; oz. \$1.25.

4302 Signata pumila, Little Gem (New). A very neat, dwarf, really compact strain with dainty, single golden orange flowers. 6 in. Pkt. 20c; $\frac{1}{4}$ oz. 75c.

Thalictrum—Meadow Rue HP ●

Showy tall perennials with attractive foliage not unlike that of the Maiden Hair Fern but of larger size. The flowers are borne freely during the summer.

4305 Aquilegifolium album. A beautiful variety with Columbine-like foliage and masses of feathery white flowers in June and July. Grows 3 feet high. Pkt. 15c; special pkt. 75c.

4304 Aquilegifolium purpureum. Similar to the above but the flowers are bright rosy purple. Pkt. 15c; special pkt. 50c.



Thalictrum aquilegifolium

4306 Diptercarpum. Graceful sprays of flowers elegantly arranged on stems 4 feet high. Invaluable for cutting. The flowers are violet-mauve, brightened by a bunch of lemon yellow stamens and anthers. Pkt. 15c; special pkt. 50c.

*** Thermopsis HP**

4308 Caroliniana. A tall-growing, showy hardy perennial producing during June and July elegant long spikes set with lovely Lupine-like yellow blooms. 3 feet high. Fine for cutting. Pkt. 25c; special pkt. 75c.

Thunbergia—Black-Eyed Susan A

4310 Mixed Colors. A beautiful, rapid growing, annual climber preferring a warm, sunny situation. Used extensively in hanging-baskets, vases, low fences, etc. Very pretty flowers in buff, white, orange, etc., with dark eyes; 4 feet. Pkt. 10c; $\frac{1}{4}$ oz. 30c; oz. \$1.00.

Thymus—Thyme HP △

4317 Serpyllum (Wild Thyme). A dwarf, perennial herb with fragrant foliage. Of creeping habit and unexcelled for rock gardens and between stepping stones in a sunny position. Bears an abundance of purple flowers during the summer. Pkt. 25c; special pkt. 75c.

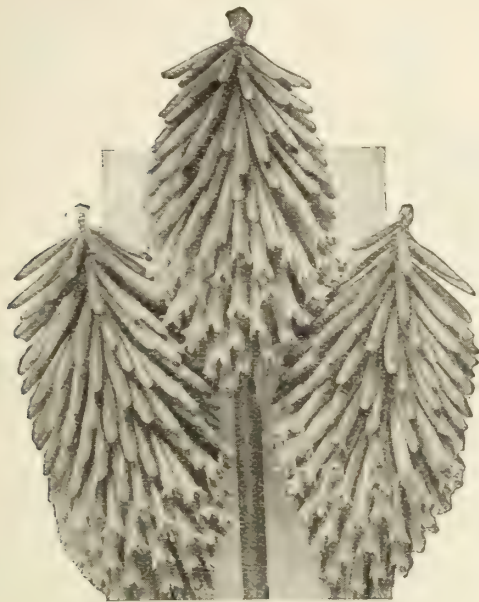
Tithonia speciosa ^(A)

Golden Flower of the Incas, Mexican Sunflower

- 4313 Early Flowering—New.** Large orange-vermilion flowers on plants 6 feet high. Of particular value as it will flower 10 days earlier than the type. Pkt. 20c; special pkt. 60c.

Torenia—Blue Wing Flower, Wishbone Flower ^(A)

- 4322 Fournieri.** A very fine annual, splendid for vases, hanging baskets, borders, etc. Covered the entire season with a mass of blooms. Sky blue, with three spots of dark blue, and bright yellow center. Pkt. 15c; special pkt. 75c.



Tritoma—Red-Hot Poker Plant

Tritoma ^(HP)

Red-Hot Poker, Flame Flower, Torch Lily

- 4330 New Early Hybrids Mixed.** This new continuous-flowering Tritoma occupies a prominent place among hardy bedding plants. It is readily grown from seed, many flowering the first year if sown early. For immediate results it will be better to get plants, but raising them from seed is highly interesting. Pkt. 15c; special pkt. 50c.

Trollius—Globe Flower ^(HP) ^(C)

- 4332 Caucasicus, Orange Globe.** A rare variety with large orange blooms which are fine for cutting. The seeds germinate slowly. Blooms during May and June. 18 inches high. Pkt. 25c; special pkt. 75c.

Tunica ^(HP) ^(A)

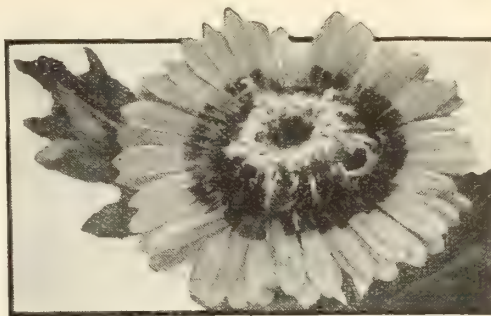
- 4335 Saxifraga.** A neat, tufted, hardy plant growing but a few inches high. It bears throughout the entire season numerous elegant small pink blooms on slender wire-like stems. Will thrive anywhere and is especially fine in the rock garden or as an edge to the hardy border. Pkt. 10c; special pkt. 30c.

Ursinia—Jewel of the Veldt ^(A)

- 4337 Anethoides.** A native from South Africa, easily grown from seed. Lovely daisy-like flowers borne on long stems. Rich orange-yellow ray petals with a jet black circle. Blooms during the summer and fall. Pkt. 25c; special pkt. 60c.

Valeriana—Valerian ^(HP) ^(C)

- 4340 Rubra, Mixed.** Showy large corymbs of red or white flowers. Splendid for garden display and bouquets. Grows 2 feet high. Mixed colors. Pkt. 10c; $\frac{1}{4}$ oz. 30c; oz. \$1.00.



Venidium—Monarch of the Veldt

Venidium ^(A)

Monarch of the Veldt, Namaqualand Daisy

- 4343 Fastuosum.** A magnificent new species from South Africa. The plants grow 2 to 3 feet high and bear numerous rich orange-colored daisy-like blooms which are marked with a purple-black blotch at the base of each petal. The foliage is a wooly gray. Plant in a sunny position. Start the seed in March. Pkt. 25c; special pkt. 75c.

Veronica—Speedwell ^(HP) ^(C)

The Veronicas are great favorites among gardeners on account of the lovely blue shades which dominate in this easy to grow, perfectly hardy class of perennials.

- 4374 Maritima (Longifolia).** A very pretty, hardy Speedwell with long spikes closely set with blue flowers from July to September. 2 feet high. Pkt. 10c; $\frac{1}{4}$ oz. 50c.
- 4375 Repens Δ .** Showy light blue flowers covering the dwarf, spreading plants during the month of May and June. Exceptionally fine for the rock garden. Pkt. 25c; special pkt. 75c.
- 4376 Spicata.** A lovely border variety with long spikes of bright blue flowers in June and July. Grows $1\frac{1}{2}$ feet tall. Pkt. 15c; special pkt. 50c.

Vinca rosea



Vinca—Madagascar Periwinkle or Old Maid ^(A)

Ornamental free-blooming annual with bright green, shiny foliage and one of the most satisfactory and long-flowering bedding plants we have. 12 to 18 inches.

- | | |
|---|--|
| 4381 Rosea. Rose with dark eye..... | } Any of these:
Pkt. 10c;
$\frac{1}{4}$ oz. 50c. |
| 4382 — alba. White with crimson eye..... | |
| 4383 — alba pura. Pure white..... | |
| 4384 — kermesina. Brilliant crimson-rose with red eye. | |
- Pkt. 25c; special pkt. 75c.

- 4388 Collection.** One packet each of the above 4 colors of Vinca. 40c.

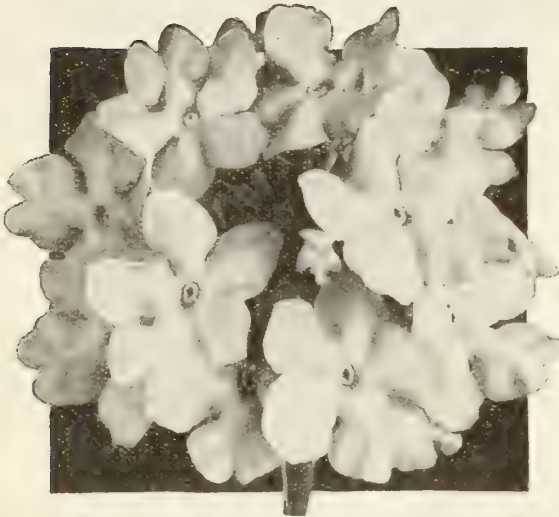
- 4390 Rosea, Mixed Colors.** Pkt. 10c; $\frac{1}{4}$ oz. 40c.

Viscaria oculata ^(A) ^(A)

- 4412 Mixed Colors.** A very pretty annual form of Lychnis, producing freely throughout the summer showy single flowers in red, white, and blue, all of them with dark eyes. Effective for beds and useful for cutting; height 1 foot. Pkt. 10c; $\frac{1}{4}$ oz. 25c.

Dreer's Verbenas

Ⓐ & HP △



New Giant Verbena

New Giant-Flowering Verbenas

- 4362 Etna.** Very large individual blooms combining into immense heads of brilliant Geranium red with a small white eye in the center. Pkt. 15c; special pkt. 50c.
- 4352 Cerise Queen.** A beautiful shade of soft salmon-cerise—a color quite new in Verbenas. Has great display value. Pkt. 25c; special pkt. 75c.
- 4353 Beauty of Oxford Hybrids.** A most remarkable variety with immense blooms arranged in huge, well rounded heads. The colors range from rose-pink to deep rose making this the brightest Verbena ever produced from seed. Pkt. 25c; special pkt. 75c.
- 4358 Lavender Glory.** A lovely, sweetly fragrant Verbena with large blooms of a pure lavender accentuated by a creamy white eye. Pkt. 25c; special pkt. 75c.
- 4363 Spectrum Red.** A brilliant variety that dazzles the eye—an intense bright spectrum red without any eye. Pkt. 25c; special pkt. 75c.

4369 Collection of Giant Verbenas.
One pkt. each of the above five varieties 85c.

A favorite class of flowers splendid for beds, borders, cutting, and for medium sized and larger rock gardens. For quickest results start the seed indoors during February or March and transplant to flowering quarters during May. If sown outdoors in May the plants will bloom beginning late July. With the exception of the Venosa varieties they are annuals.

Grandiflora Varieties

A very showy class of large flowering Verbenas including a number of splendid rich colors which are truly outstanding. Magnificent planted in beds or border. The large individual blooms combine into immense showy flower heads that stand out sharply from the rich green foliage. They bloom continuously from midsummer until fall.

	Pkt.	Special pkt.
4351 Colossea Rose Shades.	\$0 10	\$0 50
4357 Lucifer. Cardinal scarlet.	15	50
4354 Luminosa. Coral pink.	15	50
4356 Royale. Royal blue, yellow eye.	20	75
4364 Salmon-Pink. Has white eye.	15	50
4355 White. Lovely paper white blooms.	15	50
4359 Collection. One packet each of the above six 60c.		
4360 Dreer's Grandiflora Mixed. Includes all colors.	Pkt. 10c;	special pkt. 50c; ¼ oz. 75c.

Dwarf Compact Verbena

- 4345 Fireball.** A dwarf, compact growing Verbena reaching a height of 6 inches only. The plants are literally smothered with bright scarlet blooms. Fine for the rock garden, beds, borders, or pots. Pkt. 25c; special pkt. 75c.

New Upright Verbena

- 4350 Royal Bouquet.** Stiffly upright plants, 15 to 18 inches high, carrying a fine display of flowers in many colors. Pkt. 25c; special pkt. 75c.

Various Verbenas

- 4365 Erinoides** (*Moss Verbena*) Ⓐ △. A lovely annual variety with lace-like foliage and purplish blue and white flowers borne profusely from July until frost. Splendid for the rock garden. Pkt. 10c; ¼ oz. 50c.
- 4367 Venosa** (*Hardy Garden Verbena*) HP △. Grows one foot high and carries bright purplish heliotrope flowers from early summer until late fall. Perfectly hardy. Splendid for beds, borders, rock garden, etc. Pkt. 10c; ¼ oz. 50c.
- 4368 Venosa lilacina** (*New*) HP △. This resembles the above in strong habit and profusion of blooms but the flowers are a delicate shade of lavender-blue. It is perfectly hardy. Pkt. 25c.



Gem Violas

- 4400 Gem Mixed.** A well-balanced blend of all the colors available in the showy free-flowering Gem Violas. Pkt. 35c; special pkt. \$1.00.

Violas or Tufted Pansies

HP △ ●

Though smaller flowered than the Giant Pansies these are very free flowering. They are splendid in beds, borders, and as rock plants.

- 4392 Arkwright Ruby.** (*New*). Bright rosy crimson. Pkt. 35c; special pkt. 75c.
- 4401 Papilio** (*Butterfly Violet*). Violet-lilac. Pkt. 15c; special pkt. 50c.
- 4402 Lutea splendens.** Rich golden yellow. Pkt. 15c; special pkt. 50c.
- 4403 Blue Perfection.** Deep purple-blue. Pkt. 15c; special pkt. 50c.
- 4404 Apricot.** Rich apricot, orange center. Pkt. 15c; special pkt. 75c.
- 4405 White Perfection.** Pure white flowers. Pkt. 15c; special pkt. 50c.

4409 Collection of Tufted Pansies.

One pkt. each of the above 6 varieties 80c.

- 4410 Cornuta Mixed.** All the finest. Pkt. 10c; special pkt. 50c; ¼ oz. 75c.

Gem Violas △. These require full sun and they are very valuable for displays. Perfectly suited to our climate doing well in any good soil.

- 4406 Jersey Gem** (*Blue Gem*). Vigorous, compact, sturdy plants covered with blue-violet blooms from May until early fall. Pkt. 35c; special pkt. \$1.25.
- 4407 Lavender Gem** (*New*). Showy lavender. Pkt. 50c; special pkt. \$1.50.
- 4408 Rose Gem** (*New*). Lovely deep rose flowers. Pkt. 50c; special pkt. \$1.25.
- 4396 Yellow Gem** (*New*). Pure yellow flowers. Pkt. 50c; special pkt. \$1.25.
- 4397 White Gem** (*New*). Pure white flowers. Pkt. 50c; special pkt. \$1.25.

4399 Collection of Gem Violas. One packet each of the above five varieties. \$1.75.

Dreer's Flower Seeds for Wild Gardens

The mixtures we offer are of the easiest growing kinds that can be sown broadcast over small or large areas, and with little care will produce a bright effect and an abundance of flowers in places that would otherwise be unsightly with weeds.

4550 Mixture of Annuals. A beautiful blending of varieties and colors making a wonderful display; also valuable for cutting. Large pkt. 10c; oz. 50c; $\frac{1}{4}$ lb. \$1.50; lb. \$5.00.

4560 Mixture of Perennials. A splendid combination of easy growing and free flowering sorts, some blooming the same season as sown. Makes a permanent display, and splendid for cutting. Large pkt. 15c; oz. 60c; $\frac{1}{4}$ lb. \$2.00.

Wallflower HHP *Cheiranthus Cheiri*

These bloom early in the spring. They have beautiful fragrant flowers in many bright colors. In the north they should be protected by a cold frame during the winter.

4415 Paris Extra-Early Mixed. A beautiful single-flowered variety. Sown early it will flower the first season. $1\frac{1}{2}$ feet. Pkt. 10c; $\frac{1}{4}$ oz. 25c.

4414 Goliath. Rich shining red single flowers with a deep black velvety sheen. Very fragrant. Pkt. 10c; $\frac{1}{4}$ oz. 25c.

4416 Early Wonder Double Mixed. The plants grow about 2 feet high and form many graceful spikes set with large double fragrant blossoms. Includes many fine colors. Pkt. 15c; special pkt. 50c.



Single Wallflower

4420 Single Mixed. A good assortment of colors. Pkt. 10c; $\frac{1}{4}$ oz. 20c; oz. 50c.

4430 Double Flowering Finest Mixed. Pkt. 15c; special pkt. 75c.

Water Lily & Lotus

4534 Nymphaea, Tender Varieties Mixed. TP A splendid mixture of choice varieties. Sow in pans filled with moist soil. Pkt. 15c; special pkt. 75c.

4537 Nelumbium (Lotus) Mixed Sorts. TP Strong aquatic plants with shield-like leaves and large single flowers. Pkt. 15c; 100 seeds for \$1.50.



Xeranthemum annuum

Xeranthemum A Everlasting or Immortelle

4433 Annuum. One of the prettiest and most satisfactory of the everlastings bearing an abundance of bright rose, purple, and white flowers which are showy not only in the garden but also very useful as dried flowers in winter bouquets. The plants grow 2 to 3 feet high. Sow the seed in the open ground early in May where they are to bloom. They will flower continuously from early summer until frost. Mixed colors. Pkt. 10c; $\frac{1}{4}$ oz. 25c.

Yucca—Adam's Needle HP

4436 Filamentosa. This is a very interesting and showy plant with broad sword-like foliage and tall, branched spikes growing 5 to 8 feet high. During June and July the flower stems are covered with large, bell-shaped, drooping, creamy white, fragrant blooms which open up fully during the night. Easy to grow in any good rich soil. Pkt. 10c; $\frac{1}{4}$ oz. 30c.

Dreer's Choice

ZINNIAS A

Youth and Old Age

For showy appearance, brilliance, and satisfaction no annual can compare with the Zinnia. It has long been a great favorite which still is enjoying a wide popularity not only for garden decoration but also for cutting. Sow the seed early in a hotbed or in a light window and transplant when the weather is warm, or sow outdoors when the ground has warmed up.

4490 Single Mixed. Interesting and most effective flowers in many colors. They are most artistic. Pkt. 10c; $\frac{1}{4}$ oz. 25c; oz. 75c.

4510 Zebra Mixed. A very pretty strain with striped flowers. As the colors vary on each plant they present a most curious and interesting sight. Pkt. 10c; $\frac{1}{4}$ oz. 50c.

4485 Red Riding Hood. Δ This little gem grows but one foot high. Of compact form and covered during the entire season with little button-like, intense scarlet flowers 1 inch across. Pkt. 10c; $\frac{1}{4}$ oz. 50c.



Zinnia mexicana Perfection

4481 Mexicana, Perfection Mixed. This is an interesting and artistic strain of Zinnia. It is a dwarf variety growing about 18 inches high. The plants are simply covered with small double blooms of unusual colorings. Many of the light shades are tipped with red or maroon, and the deep tones are tipped with lemon yellow, golden yellow, or orange. Splendid for borders. Pkt. 15c; special pkt. 50c; $\frac{1}{4}$ oz. 75c.

Dreer's Gold Medal Giant Zinnias



Giant Dahlia-Flowered ZINNIAS

This grand type of Zinnia is very popular with those who demand a large-flowering strain of high quality. The plants are of strong, vigorous habit, fully 3 feet high, producing mammoth flowers averaging 6 inches across by 3 to 4 inches in depth. The range of colors not only includes the usual shades but many unusual tones, such as deep lavender, old rose, orange and gold, deep purple, etc., and as the result of continued careful selection, the size, form, and colorings have again been greatly improved. We offer 11 distinct colors as well as a splendid mixture.

- 4471 *Canary Bird. Bright canary yellow.
- 4472 *Crimson Monarch. Crimson-scarlet.
- 4473 *Dream. Deep lavender. Most unusual.
- 4474 *Exquisite. An exquisite rich rose-pink.
- 4465 *Golden Dawn. Beautiful golden yellow.
- 4467 Illumination. Deep rose self.
- 4475 Old Rose. A somber shade. Old rose.
- 4476 *Oriole. Scintillating orange and gold.
- 4468 Polar Bear. White.
- 4478 Purple Prince. A fine deep purple shade.
- 4477 Scarlet Flame. Fiery scarlet.

Any of the above: Pkt. 15c; $\frac{1}{2}$ oz. 75c.

4488 Collection. One packet each of the six varieties marked * 65c.

4479 Collection. One packet each of the above 11 Giant Dahlia-Flowered Zinnias \$1.15.

Giant
Dahlia-Flowered
Zinnia

4480 Finest Mixed. This includes the proper proportion of all the splendid showy colors available in the Giant Dahlia-Flowered type Zinnia. Whether grown for garden display or for cutting it is superb. Pkt. 15c; $\frac{1}{2}$ oz. 50c; oz. \$1.50.

Dreer's California Giant Double Zinnias

Our special strain of this grand old favorite produces flowers of colossal size, specimens measuring from 5 to 6 inches across being not unusual. The plants are of extremely robust habit, attaining a height of about 3 feet, and should be spaced 18 to 24 inches apart to allow for full development. They bear numerous semi-globular, mostly very double flowers all of the largest size, making them of great value in large beds, borders, etc. Grown under favorable conditions they remain in bloom from early summer to late autumn. Their long stems make them ideal for cutting.

Our stock is the very finest procurable and is greatly superior to the ordinary stocks offered at lower prices.

- 4516 Grenadier. Deep crimson-scarlet blooms.
- 4515 Lemon Queen. Primrose or canary yellow.
- 4514 Miss Willmott. Charming bright rose-pink.
- 4511 Orange King. Rich golden orange.
- 4513 Purity. Magnificent large white flowers.
- 4512 Rose Queen. A lovely shade of deep rose.
- 4517 Salmon. Large rich salmony rose flowers.

Any of the above: Pkt. 15c; $\frac{1}{2}$ oz. 75c.

4519 Collection. One packet each of the above seven colors 75c.

4520 California Giant Mixed. Includes the above seven varieties and some others to add still further to the color effect. Pkt. 10c; $\frac{1}{2}$ oz. 50c; oz. \$1.50.



Dreer's California Giant Double Zinnia

ZINNIAS—Continued

Dreer's Lilliput or Pompon Double Zinnias

Illustrated in color on page 35.

This very pretty small-flowering Zinnia has become exceedingly popular. Makes a good line or bed and of more than usual value for table decoration. Of compact habit, bearing in lavish profusion, small, densely double flowers on long stems, held well above the foliage.

- | | |
|--|--|
| 4522 Canary Yellow..... | Any color:
Pkt. 10c;
½ oz. 50c;
oz. \$1.50. |
| 4523 Crimson Gem. A rich crimson.... | |
| 4524 Flesh Pink..... | |
| 4525 Golden Orange..... | |
| 4526 Salmon-Rose..... | |
| 4527 Scarlet..... | |
| 4528 White..... | |
| 4529 Collection. One packet each of the 7 colors. 50c. | |
| 4531 Collection. ½ oz. each of the 7 colors. \$2.50. | |

4530 Finest Mixed. Pkt. 10c; ½ oz. 40c; 1 oz. 65c; oz. \$1.25.



Cut-and-Come-Again Zinnia

Dreer's Cut-and-Come-Again Dwarf Double Zinnias

This we consider the best Zinnia for bedding. They form bushy, compact plants not over 2 feet high and bear large perfectly double flowers in good clear distinct colors.

- | | |
|-----------------------|---|
| 4441 Canary..... | Any color:
Pkt. 10c;
½ oz. 25c;
oz. 75c. |
| 4442 Flesh Pink..... | |
| 4444 Orange..... | |
| 4445 Scarlet..... | |
| 4446 Salmon-Rose..... | |
| 4457 White..... | |

4459 Collection. One packet each of the above 6 sorts. 40c.

4460 Finest Mixed. This will give a colorful bed or border. Pkt. 10c; ½ oz. 25c; oz. 60c.

Two Beautiful New Zinnias

4540 Chrysanthemum-Flowered, Fantasy Mixed

Splendid, large, well rounded flowers composed of a mass of shaggy ray-like petals which give an artistic and unusual appeal to this wonderful new Zinnia. A wide color range including the brightest shades of orange and red besides the popular pastel pink and cream is represented. Pkt. 25c; special pkt. 75c.

4500 Scabiosa-Flowered

A distinct break in that the plants bear medium size flowers which have a great resemblance to the annual Scabiosa. They have broad outer petals and small center petals clustered together into a distinct cushion. There are many different and lovely colors represented. 24 to 30 inches high. Pkt. 25c.



Picotee Zinnia

Four Unusual Zinnias

4484 **Picotee Mixed.** A very pretty mixture producing large, double, fringed flowers in a wide range of desirable colors. In the lighter shades each petal is distinctively tipped with maroon but the darker ones are tipped with a lighter color. Pkt. 15c; ½ oz. 60c; oz. \$2.00.

4483 **Picotee Delight, Salmon Beauty.** A beautiful color. Of diversified shape and markings, all blooms carrying the salmon tone. Pkt. 15c; special pkt. 50c; ½ oz. 75c.

4440 **Curled and Crested Mixed.** The petals of this beautiful strain are twisted, curled, and crested into the most fantastic and graceful forms. The colors comprise all the lovely shades characteristic of the Zinnia. Pkt. 10c; ½ oz. 30c; oz. \$1.00.



Double Zinnia Victory

4505 **Victory Mixed (Achievement).** A very artistic, large, fully double flower with attractively quilled petals. Contains some most unusual colors such as russet, orange, light rose, and some extra fine autumn tones. A strong and free grower. Pkt. 15c; ½ oz. 60c; oz. \$2.00.

Dreer's Reliable VEGETABLE SEEDS

For ninety-seven years Dreer's Vegetable Seeds have been the standard for both purity and vitality among the best gardeners in this country. They are grown with the utmost care from superior stock seed gathered from the choicest specimens, and therefore represent the best that modern practice and modern science can produce. Needless to say they are carefully cleaned with modern machinery which eliminates all light seeds thereby insuring unusual high vitality to our stocks. The number of varieties we offer is very complete. It contains both the standard older sorts and the best of the new ones. The cultural directions given in this book are for growing vegetables in the latitude of Philadelphia and allowance should be made for other sections.

Health Value of Fresh Asparagus

Calories per lb. 100 Vitamins A, B
Proteins 1.8% Carbohydrates 3.3%
Fats .2% Calcium .025%
Iron .00096%



Mary Washington Asparagus

Asparagus Seed

Asperge, FR. *Sparagio*, ITAL. *Espárragos*, SP. *Spargel*, GER.

One ounce of seed will produce about 200 plants and 4 to 5 pounds are needed to sow one acre. Sow early in the spring in well prepared soil allowing no less than 2 feet between the rows. Transplant the one-year-old seedlings to their permanent bed early the following season. Ask for a free copy of our leaflet "Asparagus Culture."

12 Mary Washington

We believe that most gardeners will agree with us that this is by far the most desirable Asparagus for the home gardener and the commercial grower. It is a special selection from the pedigree Washington—the original U. S. Department of Agriculture introduction. Mary Washington is not only earlier but the stalks are longer and thicker having a more oval head. It exhibits the same characteristic disease resistance as its parent. If properly grown it will give tremendous yields year after year. Its rich green color and closely folded tips make it most attractive. Of luscious flavor. Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 60c; lb. \$2.00.

14 Pedigreed Washington. A

beautiful and very productive Asparagus showing a marked resistance to the rust disease. The shoots are not only very long but they are also exceptionally thick. The tips are firm and tightly folded. The attractive rich green of the stalks presents a most appetizing appeal. It is a permanent and long-lived variety that can be depended upon to give good yields for many years. Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 45c; lb. \$1.50.

8 Dreer's Eclipse. This variety

is the result of careful selections. It produces extra large, light green shoots with closely folded tips. Its delicious flavor and tenderness have made it a favorite with many. Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 50c; lb. \$1.25.

For Asparagus Roots, see page 184

Asparagus Bunchers and Tape are listed on page 189

Artichoke

Artichaut, FR. *Articiocca*, ITAL. *Alcachofa*, SP. *Artischoke*, GER.

1 Large Green Globe. Seeds may be sown indoors and plants potted same as Tomatoes and set out in April or May in rows 3 feet apart and 2 to 3 feet apart in the row; or can be sown outdoors in hills, and thinned out to one plant in hill. Plant in rich, deep, well prepared soil. Pkt. 15c; $\frac{1}{4}$ oz. 40c; oz. 75c; $\frac{1}{4}$ lb. \$2.50.

Dreer's Collections of Choice Vegetable Seeds

These collections are particularly helpful to those of our customers who either lack the time to make their own selection or do not care to go over our complete list of varieties. All the sorts included are of the choicest quality and thoroughly reliable. Only standard vegetables which go to make a complete and profitable garden are included. There are three different sizes and prices which permit quite a saving from the cost if they were purchased separately. These collections are ready for mailing and no changes can be made in them.

5100 The "Bungalow" Collection

This is suitable for a small vegetable garden containing about 1800 sq. feet of ground and will give a large quantity of produce. Postpaid for.... **\$1.50**

5102 The "Cottage" Collection

This contains a fine selection of useful varieties in liberal quantities, enough for a garden 4000 to 5000 sq. feet. Contains only standard varieties. Postpaid for.... **\$3.00**

5104 The "Villa" Collection

A standard assortment of seeds for the production of vegetables for a good size household over the entire growing season. The varieties included have been carefully chosen not only for their quality but also with the view to furnish a varied assortment of delicious, wholesome, and tasty vegetables for the family table. It is the ideal collection for the busy man or woman. Postpaid for.... **\$5.00**

Dwarf or Bush Beans

Haricots, FR.
Fagiolini, ITAL.

One pound will plant
about 100 feet of drill.

Haba, SP.
Bohnen, GER.

Culture—Plant any time after the weather has become firmly settled, say around middle of May in the latitude of Philadelphia. Most any soil will bear good crops, but well enriched sandy loam will give biggest returns per square foot. Sow seeds in rows 2 to 2½ feet apart, dropping the beans four inches apart in the row, covering about 2 inches deep. Hoe as soon as seedlings appear, and when they begin to form second or third pair of leaves hill the rows slightly to support the plants. Repeat this hilling process as the plants grow larger, bearing in mind, however, that beans should never be cultivated while wet with either dew or rain. For a succession of young, brittle pods, sow every other week up to August 1st. For Bean beetle control, spray or dust with Dutox, see page 195.

Green-Pod Varieties

23 Bountiful. Few other beans enjoy such tremendous popularity as this splendid, vigorous, and disease resistant variety. It has proved of particular value on lighter soils where the round-pod varieties fail to produce satisfactory. It bears the bulk of its crop within 75 days after planting with the first picking being ready within 60 days. The pods are 6 inches long and ¾ inch wide. They are brittle, tender, perfectly stringless, and very tasty. Pkt. 10c; ½ lb. 25c; lb. 40c; 2 lbs. 70c; 5 lbs. \$1.65, prepaid.

28 Dwarf Horticultural. Large green pods splashed with red. Mostly used for shell beans but good as snaps while young being almost stringless. Pkt. 10c; ½ lb. 25c; lb. 40c; 2 lbs. 70c; 5 lbs. \$1.65, prepaid.

59 Mammoth Stringless Green Pod. A very high quality midseason Bean bearing an enormous crop of thick, round, perfectly stringless pods ready for picking in 55 days. Of attractive color. Pkt. 10c; ½ lb. 25c; lb. 35c; 2 lbs. 60c; 5 lbs. \$1.45, prepaid.

41 Masterpiece Forcing. The best for forcing under glass. Grows quickly and matures very early. Develops strings when grown outdoors. Pkt. 15c; ½ lb. 30c; lb. 55c; 2 lbs. \$1.00; 5 lbs. \$2.25, prepaid.

50 Red Valentine, Improved Extra-Early. A standard early Bean with medium sized, round, slightly curved pods ready in 45 days after sowing. Of a beautiful medium green color and of good quality. Pkt. 10c; ½ lb. 25c; lb. 35c; 2 lbs. 65c; 5 lbs. \$1.55, postpaid.

38 Refugee, Kenney's Stringless. A late bean bearing a heavy crop of thick, round, light green pods 5 inches long. Pkt. 10c; ½ lb. 25c; lb. 40c; 2 lbs. 70c; 5 lbs. \$1.65, prepaid.

57 Stringless Green Pod. The first pods of this splendid bean are ready for picking within 65 days after sowing and they remain tender and crisp for a long time after reaching full size. The long, round pods are pale green and exceptionally meaty. Of excellent flavor and perfectly stringless. A favorite particularly on medium to heavy soils where it produces an enormous crop of tasty beans. Pkt. 10c; ½ lb. 25c; lb. 35c; 2 lbs. 65c; 5 lbs. \$1.55, prepaid.

21 Black Valentine Stringless

A most desirable new bean with dark green pods borne in great quantities. It is entirely stringless, matures very early, and produces large quantities of attractive, fleshy beans of a fine flavor. Pkt. 10c; ½ lb. 25c; lb. 40c; 2 lbs. 70c; 5 lbs. \$1.65, prepaid.

61 Tendergreen

Strong, vigorous bushes laden with beautiful light green beans measuring 7 inches long. They are round, very meaty, tender, and entirely stringless even when fully grown. A bean of real merit. Pkt. 10c; ½ lb. 25c; lb. 40c; 2 lbs. 70c; 5 lbs. \$1.65, prepaid.

Bountiful
Bush Bean

Stringless Green Pod
Bush Bean

Health Value of Fresh Beans

Calories per lb. 184

Proteins 2.3%

Fats .3%

Vitamins A, B, C

Carbohydrates 7.4%

Calcium .046%

Iron .00098%

Stringless Black Valentine

Dwarf or Bush Beans

Wax or Yellow-Pod Varieties

These Wax Beans are preferred by quite a few gardeners on account of their beautiful light color and their mild flavor. They are grown in the same manner as the green-pod varieties and those with black seeds may be sown considerably earlier than those which have lighter colored seeds. All varieties we list have proved to produce heavy crops of attractive appearance under most varied conditions of soil and weather. For the control of the bean beetle spray or dust with Dutox, see page 195.

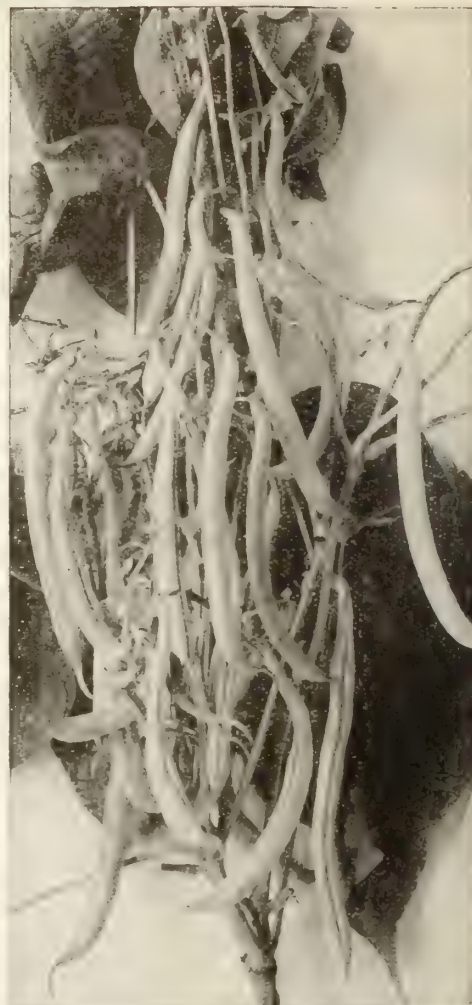
65 Black Wax or Pencil Pod, Improved. An extra fine, early Bean of the highest quality which like others of the black seeded varieties may be planted earlier than seed of other colors, being much hardier. The pods are from 6 to 7 inches long, round, nearly straight, positively stringless, and of a clear yellow. The plants are very strong and bear abundantly. Pkt. 10c; $\frac{1}{2}$ lb. 25c; lb. 40c; 2 lbs. 70c; 5 lbs. \$1.65, prepaid.

71 Golden Wax, Improved Rust-Proof. The vines grow erect and bear the pods well off the ground, preventing rust and rot. The pods average five inches long. They are quite fleshy, straight, broad, flat, of a rich golden yellow color, and stringless at all stages. A sure cropper for the small garden. Pkt. 10c; $\frac{1}{2}$ lb. 25c; lb. 35c; 2 lbs. 65c; 5 lbs. \$1.55, prepaid.

76 Refugee Stringless Wax. A vigorous, hardy, main crop variety, producing large, round, meaty pods which are stringless and of excellent quality. The best yellow-podded canner either commercially or for the home. Pkt. 10c; $\frac{1}{2}$ lb. 25c; lb. 40c; 2 lbs. 70c; 5 lbs. \$1.65, prepaid.

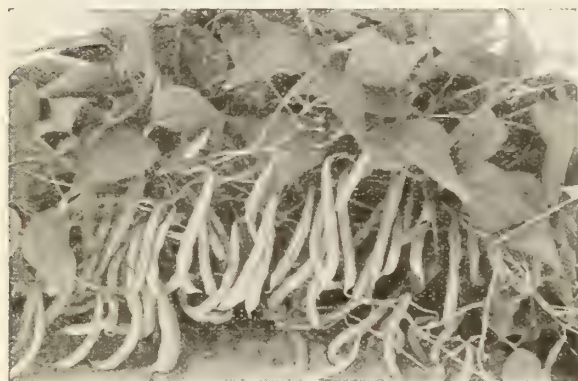
79 Round-Pod Kidney or Brittle Wax. A fine early Bean of very high quality and one that we can unhesitatingly recommend. The pods grow up to 6 inches long. They are thick, perfectly round, and of a clear yellow color. So brittle and stringless are the pods that the variety is often called for under the name of Brittle Wax. Pkt. 10c; $\frac{1}{2}$ lb. 25c; lb. 40c; 2 lbs. 70c; 5 lbs. \$1.65, prepaid.

84 Sure-Crop Stringless Wax. Much resembles Bountiful in the sturdy character and disease resistant constitution of its plants. It starts bearing within 60 days after seeds are sown. The pods average 6 to 7 inches long. They are very meaty, flat but thick through. In common with most black-seeded varieties it is very hardy and may therefore be planted several days earlier than the light-seeded sorts. Pkt. 10c; $\frac{1}{2}$ lb. 25c; lb. 40c; 2 lbs. 70c; 5 lbs. \$1.65, prepaid.



Round-Pod Kidney or Brittle Wax Beans

All
Beans
are
Sent
Prepaid



Unrivalled Wax Beans

86 Unrivalled Wax. Ready for gathering within 65 days after seeds are sown. A robust grower which withstands considerable rainy weather. The light yellow pods are long, flat, slightly curved at the end, very fleshy, tender, and of excellent quality. Pkt. 10c; $\frac{1}{2}$ lb. 25c; lb. 40c; 2 lbs. 70c; 5 lbs. \$1.65, prepaid.

88 Wardwell's Kidney Wax. A most popular market variety on account of its handsome appearance and good shipping qualities. Long, flat pods of a delicate waxy yellow; stringless and brittle. Pkt. 10c; $\frac{1}{2}$ lb. 25c; lb. 40c; 2 lbs. 70c; 5 lbs. \$1.65, prepaid.

90 Webber or Crackerjack Wax. Of first quality, bearing long, flat, broad pods, slightly curved and quite stringless. Pkt. 10c; $\frac{1}{2}$ lb. 25c; lb. 40c; 2 lbs. 70c; 5 lbs. \$1.65, prepaid.

Shell Beans Dwarf or Bush Varieties

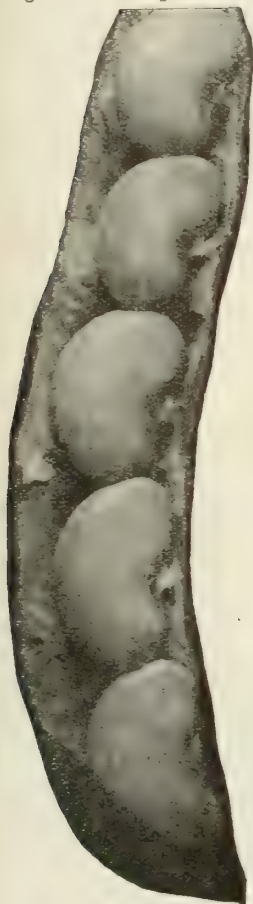
Culture—These are grown to maturity, dried, shelled, and stored for winter use, being used exclusively for baking and for soups. Superior in every way to canned beans. No garden should be without a few rows of these every year. Plant when ground is warm in spring and up to July 1st, in rows 2 feet apart and beans 3 inches apart, $1\frac{1}{2}$ inches deep. Keep well hoed and draw the earth up to the stems, but only when dry, as working when wet with rain or dew will cause rust and injure the crop.

	Pkt.	$\frac{1}{2}$ lb.	Lb.	2 lbs.	5 lbs.
93 Boston Pea (Navy)	\$0 10	\$0 25	\$0 30	\$0 55	\$1 35
95 Red Kidney	10	25	35	65	1 50
97 White Kidney	10	25	35	65	1 50
99 White Marrowfat	10	25	35	65	1 50

In addition to the Shell Beans listed here the variety **Dwarf Horticulture** offered on page 68 is also grown extensively for shell beans though the young tender pods are splendid as snap-shorts. The **Pole Horticulture** or **Speckled Cranberry** and **Lazy Wife's** are splendid climbing beans for shell purposes. See page 71.

Bush Lima Beans

Culture—Lima Beans are very susceptible to cold and seeds should not be planted until the ground has become thoroughly warm. Sow about the same time that late trees, like Oaks, unfold their first leaves. Being gross feeders, they should be sown on well enriched land, with the rows 2½ feet apart, placing the beans six inches apart in the row, **eye down**. The two halves of the Lima Bean seed become its seedling leaves and unless the Beans are placed "eye down" the young plants find it most difficult to push through the soil. In light soil, cover about one inch deep, less on heavier soils. A good fertilizer applied at the rate of 20 pounds to every hundred feet of row, when the plants begin to bloom, will materially increase the yields. Hill plants slightly earlier in the season to hold the pods off the ground. **One pound will plant 50 feet of row.**



Dreer's Wonder Bush Lima Bean

111 Dreer's Wonder Bush Lima

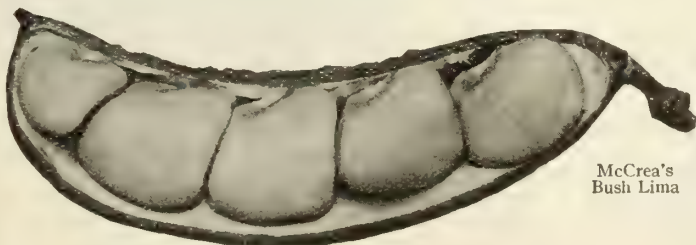
A most desirable Bush Lima Bean because it is extremely early and very productive. The plants are of strong, upright bush growth. They are heavily laden with large pods many of which contain 4 beans each and these beans are fully as large as those of pole limas. The broad, flat beans are pronounced by many superior in flavor to the round, thick seeded varieties. On account of its unusual earliness Dreer's Wonder Bush Lima can be planted well on into the season without much risk of failure. Pkt. 10c; ½ lb. 25c; lb. 40c; 2 lbs. 75c; 5 lbs. \$1.75, prepaid.

103 Burpee Improved Bush Lima. A splendid bean with pods measuring 5½ to 6 inches in length and containing 6 moderately thick, flat, white beans of good flavor. It is a productive variety of delicious flavor even when fully grown. Pkt. 10c; ½ lb. 25c; lb. 40c; 2 lbs. 75c; 5 lbs. \$1.75, prepaid.

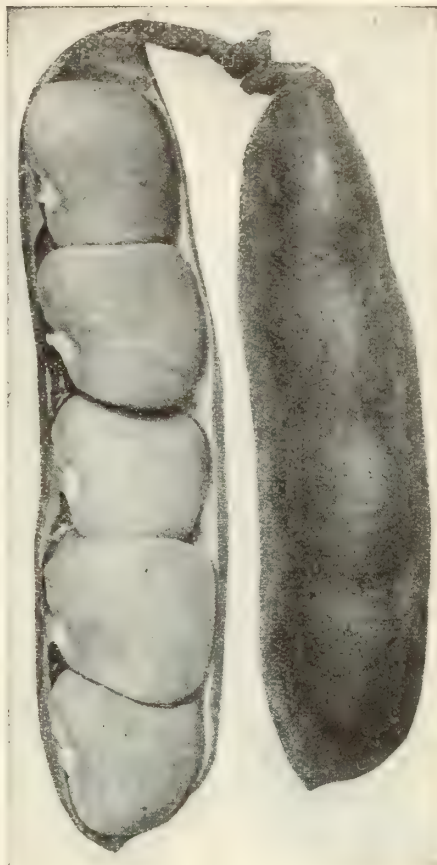
105 Dreer's Bush Lima. This excellent bean matures about a week or 10 days later than Dreer's Wonder Bush Lima. It is particularly recommended to home gardeners because it combines productiveness with choice quality. The beans are packed close together, 4 or 5 to a pod. They are thick and have a most delicious sweet and luscious flavor. It is a great favorite with many gardeners. Pkt. 10c; ½ lb. 25c; lb. 45c; 2 lbs. 85c; 5 lbs. \$2.00, prepaid.

New! 110 McCrea's Bush Lima

This new variety is of considerable merit. The feature that will appeal to most gardeners is the fact that it has a remarkably sweet flavor. The plants are strong and upright carrying an abundance of heavy foliage. The light green, short, but very thick pods are equally as abundant. Each pod contains from 3 to 5 large plump beans which are so tightly packed in the pod that many of them are almost square. Highly recommended to the home gardener and canners. Pkt. 15c; ½ lb. 30c; lb. 50c; 2 lbs. 90c; 5 lbs. \$2.00, prepaid.



McCrea's Bush Lima



Fordhook Bush Lima Beans

107 Fordhook Bush Lima. This variety is well known wherever Lima Beans can be grown as it combines productiveness with choice quality. The plants make a vigorous, upright growth so that the pods are held well above the soil surface. This keeps them clean and avoids rust and rot. The pods are borne in clusters which accounts for the productiveness of this splendid variety. Each pod is about 5 inches long and contains 4 or 5 oval, very thick, light green beans which have a distinctive rich nut-like flavor. It is a great seller on all markets and a good variety for the home gardener. Pkt. 10c; ½ lb. 25c; lb. 45c; 2 lbs. 85c; 5 lbs. \$2.00, prepaid.

109 Henderson's Bush Lima. This is the popular Baby Lima Bean—a bush form of the Small or Sieva Pole Lima. It is grown extensively by those who prefer small sized beans. Very productive bushes, 20 inches high, bearing a magnificent crop of pods 3 inches long each containing 3 or 4 small white beans. Pkt. 10c; ½ lb. 25c; lb. 35c; 2 lbs. 65c; 5 lbs. \$1.55, prepaid.

Health Value of Fresh Lima Beans

Calories per lb. 570	Vitamins A, B
Proteins 7.1%	Carbohydrates 22.0%
Fats .7%	Iron .0024%

Pole Lima Beans

Culture—Pole Limas are even less hardy than the Bush type and should not be planted until toward the end of May or when all danger of frost is passed. Set the poles about 4 feet apart each way and plant 6 to 8 beans, eye downward, around each pole. When plants are up, thin out to 3 plants to a pole. Pinch off the ends when plants overrun the top of the poles. It is well to use a shovelful of rich, light, well-rotted compost to each hill. **One pound of seed will plant 75 to 100 hills.**

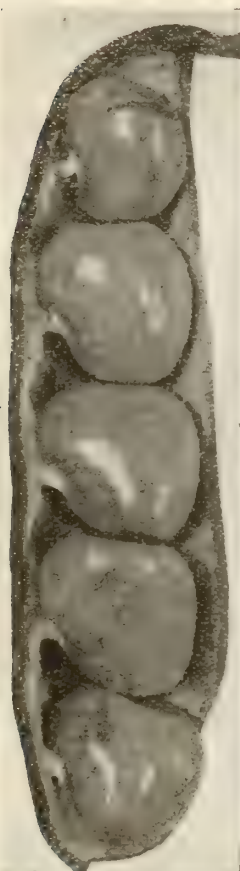
115 Carpinteria Lima. Vigorous, strong vines, producing large quantities of pods, usually containing four large beans each. The beans are thicker than the ordinary Limas and retain their pale green color even when in the dry state. Of choicest quality and attractive appearance. Pkt. 10c; $\frac{1}{2}$ lb. 25c; lb. 40c; 2 lbs. 75c; 5 lbs. \$1.75, prepaid.

117 Dreer's Improved Pole. In some sections this variety is called Challenger or Potato Lima. A medium late variety of strong growth and very productive. Each pod contains 4 or 5 thick, light green beans. Shells out more beans from a given number of pods than any other Pole Lima. Pkt. 10c; $\frac{1}{2}$ lb. 25c; lb. 45c; 2 lbs. 85c; 5 lbs. \$1.95, prepaid.

121 King of the Garden. An old favorite variety of vigorous growth bearing large, dark green pods with four or five large white beans of splendid quality. An improved Large White Lima that yields heavy crops. Pkt. 10c; $\frac{1}{2}$ lb. 25c; lb. 40c; 2 lbs. 75c; 5 lbs. \$1.75, prepaid.

122 Leviathan Early. The earliest large-podded Pole variety in cultivation and an enormous cropper. The pods are 5 to 6 inches long and contain 5 or 6 beans each. The shelled beans are of excellent quality. Pkt. 10c; $\frac{1}{2}$ lb. 25c; lb. 40c; 2 lbs. 75c; 5 lbs. \$1.75, prepaid.

125 Small or Sieva. The poles are literally loaded with small, well filled pods. Small white beans, like the Henderson Bush variety. This is a fine bean for home canning on account of its tasty flavor. Pkt. 10c; $\frac{1}{2}$ lb. 25c; lb. 40c; 2 lbs. 70c; 5 lbs. \$1.65, prepaid.



Dreer's Improved
Pole Lima Bean

Pole or Running Beans

Culture—Pole Beans are vigorous growers and will produce a heavy crop of beans if grown on fertile ground which has been enriched with well-rotted manure or a complete fertilizer. As they are less hardy than the bush varieties start sowing about a week later. Set the poles 4 feet apart and place 8 to 10 beans around each. Or they may be grown on a trellis. One pound of seed is sufficient to plant 100 poles or hills.

Green-Pod Varieties

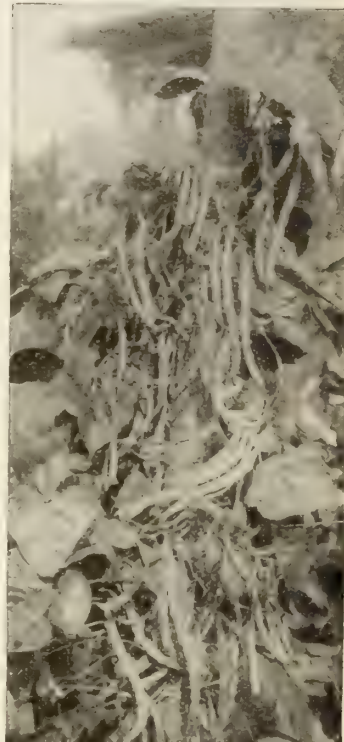
128 Kentucky Wonder or Old Homestead. This splendid bean combines size and quality in an extraordinary degree. The pods generally are borne in clusters of 2 or 4, each pod measuring 7 or 8 inches long. They are deeply saddle-backed, very fleshy, and develop a slight string as they reach full size. Kentucky Wonder matures the bulk of its crop in from 80 to 100 days. Where poles are not available, wire or heavy string supports should be provided since the vines are rank growers, bearing exceptionally heavy crops. Pkt. 10c; $\frac{1}{2}$ lb. 25c; lb. 35c; 2 lbs. 65c; 5 lbs. \$1.55, prepaid.

129 Lazy Wife's. A late variety, excellent for snap-shorts or shelled. The long, broad, flat pods are about 6 inches long. They are thick, meaty, brittle, fine grained, and of fine flavor besides being most attractive. Pkt. 10c; $\frac{1}{2}$ lb. 25c; lb. 40c; 2 lbs. 70c; 5 lbs. \$1.65, prepaid.

132 White Creaseback or Best of All. Very early, productive, and of fine quality. The pods are about 5 inches long and are produced in clusters. Should be gathered while young when they are of good quality. Pkt. 10c; $\frac{1}{2}$ lb. 25c; lb. 35c; 2 lbs. 60c; 5 lbs. \$1.45, prepaid.

127 Horticultural Pole or Speckled Cranberry. Grown for shell beans primarily, but a good, stringless snap bean while young. Pods 5 inches long, pale green, becoming streaked with red when past the snap bean stage. Adapted to cool sections. Pkt. 10c; $\frac{1}{2}$ lb. 25c; lb. 35c; 2 lbs. 65c; 5 lbs. \$1.55, prepaid.

131 Scarlet Runner. Largely grown as an ornamental vine for its attractive flower clusters. The young shelled beans are quite palatable and serve the same purpose as shelled limas. Pkt. 10c; $\frac{1}{2}$ lb. 25c; lb. 45c; 2 lbs. 80c; 5 lbs. \$1.85, prepaid.



Kentucky Wonder Wax Pole Beans

Wax-Pod Pole Beans

136 Dreer's Golden Cluster Wax. An early, vigorous, and hardy variety with attractive waxy yellow pods 6 inches long and $\frac{1}{2}$ inch broad. The pods are borne in clusters of 4 to 6. They are fleshy, fine grained, though showing slight strings. Pods not gathered while young will give beautiful white beans for dry shell purposes. Pkt. 10c; $\frac{1}{2}$ lb. 25c; lb. 40c; 2 lbs. 70c; 5 lbs. \$1.65, prepaid.

137 Kentucky Wonder Wax. This yellow pod Kentucky Wonder bears a large crop of rich golden yellow beans from the time the plants are half grown until they are killed by frost. The flat, fleshy pods are 7 to 8 inches long. Very attractive, brittle, and tasty but they have slight strings. Pkt. 10c; $\frac{1}{2}$ lb. 25c; lb. 40c; 2 lbs. 70c; 5 lbs. \$1.65, prepaid.

Betterave, FR.
Barbabetola, ITAL.

Table Beets

Remolacha, SP.
Ruebe, GER.

One ounce will sow 50 feet of drill; 6 lbs. for an acre.

One of the earliest vegetables the garden yields and one of the first to be sown or planted into the garden. For an extra early supply sow seeds in a hotbed or cold frame by middle of March. Be sure to press the soil in firm contact with the seeds to insure prompt and even germination. By middle of April plants will be 4 inches tall, when they should be set out in the garden in rows 18 inches apart, with the seedlings four inches apart in the row. For a continuous supply throughout the season, make the first sowing outdoors along middle of April and every two weeks thereafter up to August 1st. To be most palatable, Beets should be eaten while quite young when the bulbs average two inches in diameter, no more. To secure a good start outdoors, the gardener should always walk over the rows after the seeds are sown. To secure a uniformly well-shaped product, seedlings should be thinned to stand 3 to 4 inches apart in the row. Those that are pulled up will make good greens or may be transplanted into other rows. Beet tops are rich in iron.

**Health Value of
Fresh Beets**
Calories per lb. 209
Vitamins A, B, C
Proteins 2.3%
Carbohydrates 9.7%
Fats .1%
Calcium .029%
Iron .00085%

141 Bassano, Early. An excellent old-time early Beet growing to a large size without getting "woody." Rose flesh ringed with white and probably sweeter than any other Beet in our list. Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 45c; lb. \$1.25.

140 Bastian's Half-Long Blood. An excellent variety particularly for fall or winter use. The roots are smooth, tapering to a blunt point. Beautiful deep red flesh of very good quality. It is a splendid keeper, and for winter use the seed should be sown early in July. Pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. 60c; lb. \$1.75.

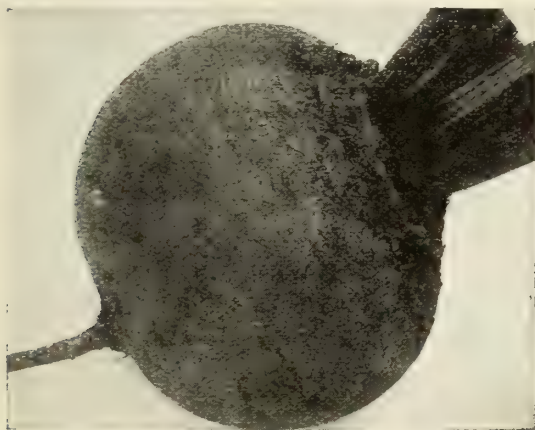
142 Crimson Globe Improved

A new and greatly improved strain of this attractive smooth globe-shaped Beet. The fine-grained purplish red flesh is of a solid color and very sweet. Even most delicious when fully grown. Pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. 60c; lb. \$1.75.

144 Crosby's Egyptian. Slightly later than the following sort and not quite so dark in color. Ready while small and at all times tender and sweet. A favorite with many gardeners. Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 45c; lb. \$1.25.

145 Crosby's Egyptian, Dreer's Special. A beautiful beet with bright red skin and vermilion-red flesh. Fine grained, sweet, tender, and palatable. Our special strain has been selected for uniformity of good shape, extreme earliness, and fine eating qualities. Highly recommended to private and home gardeners. Pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. 60c; lb. \$1.75.

151 Dreer's Excelsior. Matures fully as early as any turnip-shaped Beet known and grows to a uniform size and shape. The deep blood red flesh is remarkably sweet and tender and retains all of its good qualities until quite large. Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 50c; lb. \$1.50.



Detroit Dark Red Beet

149 Detroit Dark Red. A choice early variety. The tops make a small and upright growth, thus allowing planting in close rows, a valuable feature where space is limited. The roots are globe-shaped. Deep red skin and flesh showing no light zones. The beets are sweet when cooked, and it is a splendid variety for canning. Ready for use within 60 days after sowing seeds. Pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. 60c; lb. \$1.75.

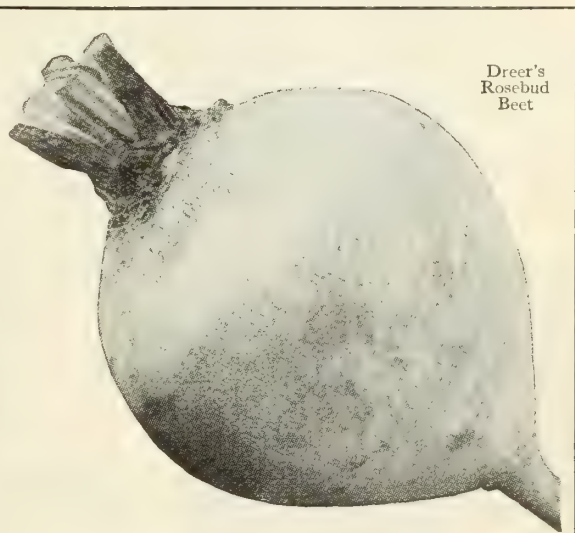
155 Eclipse, Early. A well known and reliable beet and one of the first to be ready for table. Bright red flesh with lighter zones. Exceptionally sweet, fine grained, and tender. Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 45c; lb. \$1.25.

152 Edmand's Blood Turnip. This fine second-early Beet grows with a short top. Dark red skin. Purple-red slightly zoned flesh of very sweet flavor. A splendid, tender Beet. Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 45c; lb. \$1.25.

153 Egyptian, Extra Early. A very early sort with roots rounded on top, but flat at bottom end. Very deep red flesh with slightly lighter zoning; of good quality. Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 45c; lb. \$1.25.

157 Lentz. We recommend this variety to those who prefer a light-colored Beet. It is an extra-early round Beet of very attractive color, being rich red with light zones. A good forcer. Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 45c; lb. \$1.25.

159 Long Dark Blood. A good late variety. The roots are tapering, about 8 inches long. They have smooth dark red skin and the flesh is fine grained and sweet. Deserves wider popularity. Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 45c; lb. \$1.25.



Dreer's
Rosebud
Beet

162 Dreer's Rosebud

We consider this new Beet worthy of a place in every garden as it is one of the prettiest Beets of high quality that we have ever seen. The roots are perfectly round and have a clear rich red skin. The flesh is a beautiful uniform deep red showing no light zones. It is the ideal type for canning and pickling as well as for home cooking. Most delicious when $1\frac{1}{2}$ inches in diameter. Pkt. 15c; oz. 30c; $\frac{1}{4}$ lb. 80c; lb. \$2.50.

164 Wonder, Early. An early globe-shaped Beet of uniform size. Similar to Crosby's Egyptian. It has a smooth skin and beautiful deep blood red flesh that cooks sweet and tender. Recommended to market growers and home gardeners for either spring or late summer sowing. Pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. 60c; lb. \$1.75.

Broccoli

Chou-Brocoli, FR.
Cavol Broccolo, ITAL.

Brócoli, Sp.
Spargel Kohl, GER.

Used in the same manner as Cauliflower and the method of culture is the same. It thrives best in rich soil and during cool weather, and is greatly aided in its growth by frequent hoeing and watering. Sow seed in hotbed in January or February and transplant into cold frames, 2 or 3 inches each way. Set out in open ground early in spring, about 2½ feet apart. To obtain the best flavor, Broccoli should be cooked soon after being cut. **One ounce will produce about 1500 plants.**

180 White Cape. An excellent variety, forming heads of a creamy white color and of good flavor. We have obtained an excellent strain of this, the heads being quite equal to the best Cauliflower. Pkt. 10c; ½ oz. 40c; oz. 75c; ¼ lb. \$2.50.

179 Sprouting Broccoli "Calabrese"



This fine vegetable is now seen in all better produce stores and markets. It has proved exceptionally popular since it resembles Cauliflower, yet the taste is more refined and the texture finer and more tender. Furthermore it is easy to grow and very wholesome.

It gives a welcome change from the usual "greens" and its distinctive flavor and high tonic qualities merit for it space in every garden. For an early crop sow seeds in the hotbed or greenhouse in February or March and transplant like Cabbage. For fall use sow outdoors in May and transplant later 30 inches apart each way. Pkt. 15c; ½ oz. 50c; oz. 90c; ¼ lb. \$3.00.

Sprouting Broccoli and Chinese Cabbage are two most important newer vegetables which have become very popular within a few years. They are easy to grow, tasty, palatable, and add good variety to the menu.



Chinese or Celery Cabbage

Chinese Cabbage is a most delectable and palatable vegetable, forming a compact, elongated, tightly folded head that is good all the way through. Delicious served as salad with French dressing, or like cole slaw, with mayonnaise. The green portion of the leaves may also be served like Spinach, while the heavy midribs are very palatable cooked like Swiss Chard or Asparagus. We offer the two best sorts. Seeds should not be sown before the middle of July, as early grown plants soon shoot to seed.

222 Wong Bok. This produces a large, broad, solid, and compact head and is entirely self folding so that the heads need no tying up or blanching of any kind. Pkt. 10c; ½ oz. 25c; oz. 40c; ¼ lb. \$1.00.

223 Improved Peking. The head is long and compact, and all but the outer leaves blanch a creamy white. Very crisp and tender, and in every way adapted to the home garden. We have recently secured a much improved strain and recommend a trial. Success is certain if grown for a fall crop by sowing between mid-July and early August. Pkt. 10c; ½ oz. 25c; oz. 40c; ¼ lb. \$1.00.

Brussels Sprouts

Chou de Bruxelles, FR.
Cavolo, ITAL.

Rosen Kohl, GER.
Bretons de Bruselas, Sp.

Culture—Sow seed for plants in frames or open ground. Set plants in early spring, and for succession up to July, making rows 3 feet apart and having the plants stand 1½ to 2 feet apart in the row. Cultivate same as Cabbage. **One ounce will produce about 2500 plants.**

183 Drer's Select Matchless. A very choice select strain of this delicious vegetable with tightly folded sprouts produced all along the stem. The small spoon-shaped leaves wrap around one another and form solid, round heads from the bottom up. If the lower ones are cut for use additional heads will form in succession up to the top of the stem. Very tender and tasty. Pkt. 15c; ½ oz. 25c; oz. 35c; ¼ lb. \$1.00.

182 Long Island Half-Dwarf. This is an American variety that endures our climatic condition better than the foreign sorts and it is much freer from mildew and aphids. The plants are of compact growth with the stem set solidly with large, tightly folded sprouts. Produces a heavy crop of tasty and tender sprouts. Pkt. 10c; ½ oz. 20c; oz. 30c; ¼ lb. 80c.

Health Value of Fresh Cabbage

Calories per lb. 145	Vitamins A, B, C
Proteins 1.6%	Carbohydrates 5.6%
Fats .2%	Calcium .045%
Iron .00043%	

Early Varieties

191 Charleston or Large Wakefield. A week later but much larger than Early Jersey Wakefield and has all of the fine qualities of the latter. An excellent, large, early, conical head, and a dependable cropper. Pkt. 10c; $\frac{1}{2}$ oz. 25c; oz. 40c; $\frac{1}{4}$ lb. \$1.25.

193 Copenhagen Market. This excellent variety can be depended upon for making large solid heads at an early season. The heads are grown upon a remarkably short stem. They are solid and large, weighing 7 to 10 pounds each, with light green leaves and of good quality. It is the largest of the early round-headed varieties, and its habit of growth allows its being planted close together in the garden. Pkt. 10c; $\frac{1}{2}$ oz. 35c; oz. 60c; $\frac{1}{4}$ lb. \$1.75.

204 Golden Acre. This excellent variety is the earliest round-headed Cabbage. It will mature at least 7 days ahead of the regular strains of Jersey Wakefield, considered the standard Early of the country. The heads of Golden Acre Cabbage are perfectly round, firm, and of exceptionally fine texture, heavy mid-ribs being entirely absent. They average in weight about 4 pounds and produce very few outer leaves, permitting close planting in the row. Pkt. 15c; $\frac{1}{2}$ oz. 40c; oz. 75c; $\frac{1}{4}$ lb. \$2.00.

208 Jersey Wakefield, Small Extra-Early. The earliest strain of the type, perfectly shapely, narrow, pointed heads, averaging 5 lbs. each within 90 days after seeds are sown. Of compact growth and very solid. Heads ready for cutting even before Golden Acre and of delicate tender quality. Pkt. 10c; $\frac{1}{2}$ oz. 25c; oz. 40c; $\frac{1}{4}$ lb. \$1.25.



Jersey Wakefield, Selected Early Cabbage

206 Jersey Wakefield, Selected Early. Disregarding the tendency toward the round heading sorts, this special strain of Jersey Wakefield is still as popular today as ever. We are extremely careful of our stock of this and have full confidence that our strain will produce early, solid, pointed heads of splendid uniformity. Neither quality nor fine texture have been sacrificed for appearance. The small mid-ribs improve their attractiveness and flavor when cooked. Pkt. 10c; $\frac{1}{2}$ oz. 25c; oz. 40c; $\frac{1}{4}$ lb. \$1.25.

*Chou pomme, FR.
Cavolo, ITAL.*

Cabbage

*Repollo, SP.
Kohl, Kraut, GER.*

Sow one ounce for 2,000 plants; 6 ounces for one acre.

Culture—Sow seed of the early varieties toward the end of February. Transplant into flats 4 inches apart each way as they become large enough to be handled. Harden gradually and set into rows 2 $\frac{1}{2}$ feet apart with the plants about 2 feet apart in the row. About April 1, a second sowing of the second-early or main crop varieties is made outdoors to provide Cabbage from the middle of July until late in the fall. For winter storing sow about middle of April seeds of the late winter sorts. By July 1, these plants should be ready to be set in rows 3 feet apart with 2 feet between the plants.

Second-Early and Main Crop

185 All Head Early. The leading second-early Cabbage. Large, uniform, very solid plants of compact growth. It may also be planted late for fall and winter use, as it is a good keeper for a 110 day variety. A good kraut Cabbage. Pkt. 10c; $\frac{1}{2}$ oz. 25c; oz. 40c; $\frac{1}{4}$ lb. \$1.00.

187 All-Season Selected. A mid-season Drumhead with heads of the largest size. As its name implies can be planted either for early or late crop. A remarkably good keeper. Pkt. 10c; $\frac{1}{2}$ oz. 25c; oz. 40c; $\frac{1}{4}$ lb. \$1.00.

202 Glory of Enkhuizen. An extra-fine, popular, large, round, short stem, second-early sort; solid and of tender quality. Pkt. 10c; $\frac{1}{2}$ oz. 25c; oz. 40c; $\frac{1}{4}$ lb. \$1.25.

212 Succession. A second-early round somewhat flat-headed sort of very fine texture and quality. Matures a few days after Early Summer and is larger. Equally useful for home and market. Pkt. 10c; $\frac{1}{2}$ oz. 20c; oz. 35c; $\frac{1}{4}$ lb. \$1.00.

214 Early Summer. A reliable second-early which matures about ten days after All Head Early. It makes a medium size, solid, flat head with short outer leaves which permit close planting in the field. Is a good keeper. Pkt. 10c; $\frac{1}{2}$ oz. 20c; oz. 35c; $\frac{1}{4}$ lb. \$1.00.



Early Summer Cabbage

Late Winter Sorts

195 Danish Ball Head. The leading late tall-stem variety in many sections and a fine sauerkraut Cabbage. Heads average 10 to 12 pounds each. They are round, fine keepers. Its good quality makes it a most valuable Cabbage. Pkt. 10c; $\frac{1}{2}$ oz. 25c; oz. 40c; $\frac{1}{4}$ lb. \$1.25.

196 Danish Roundhead. Another good sauerkraut variety, slightly earlier than Ball Head, with a shorter stalk, and very hard. The interior leaves are pure white and of sweet flavor. Pkt. 10c; $\frac{1}{2}$ oz. 25c; oz. 40c; $\frac{1}{4}$ lb. \$1.25.

200 Drer's Selected Late Flat Dutch. The heads are somewhat flattened and grow remarkably large, even, and very solid. The quality is unsurpassed. Will keep well until the following spring. Pkt. 10c; $\frac{1}{2}$ oz. 20c; oz. 35c; $\frac{1}{4}$ lb. \$1.00.

197 Penn State Ballhead. A late, short stemmed, round head Cabbage of exceptionally fine quality. It is sure to head and produce an enormous crop. Pkt. 15c; $\frac{1}{2}$ oz. 35c; oz. 60c; $\frac{1}{4}$ lb. \$2.00.

201 Drer's Giant Globe. This new variety forms an immense solid head, and under favorable conditions of soil and sufficient moisture often reaches a weight of 30 pounds. The interior is white and very solid. Much used for late planting though also good as a second-early. Splendid for sauer kraut on account of its large size and fine white interior quality. Pkt. 15c; $\frac{1}{2}$ oz. 40c; oz. 75c; $\frac{1}{4}$ lb. \$2.00.

Yellows-Resistant Cabbage

The four Cabbages listed under this heading are highly recommended where other Cabbages fail to yield satisfactorily, due to the wilt or yellows. They will produce fine marketable heads on land on which other varieties are a complete failure due to the yellows disease. All of them are highly bred, dependable sorts.

225 Globe. A midseason round-head selection from Glory of Enkhuizen. Very productive and of uniform size and shape. Pkt. 20c; $\frac{1}{2}$ oz. 40c; oz. 75c; $\frac{1}{4}$ lb. \$2.25.

226 Marion Market. This resembles Copenhagen Market with its early round heads but it matures about 10 days later. Very solid and of the choicest quality. Pkt. 20c; $\frac{1}{2}$ oz. 40c; oz. 75c; $\frac{1}{4}$ lb. \$2.25.

227 Wisconsin All Seasons. A selection from All Seasons. Very solid, slightly flattened heads. Fine for early or late. Pkt. 20c; $\frac{1}{2}$ oz. 40c; oz. 75c; $\frac{1}{4}$ lb. \$2.25.

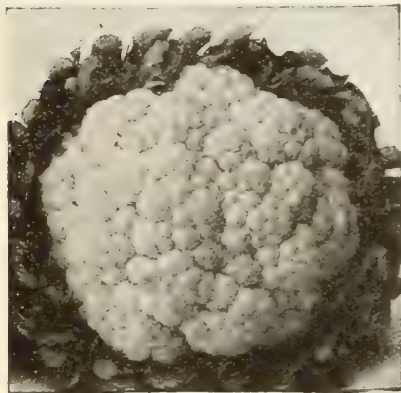
228 Wisconsin Hollander No. 8. One of the first "resistant" Cabbages introduced. Has attractive, large, round heads which are exceptionally solid. Splendid for Kraut and winter. Pkt. 20c; $\frac{1}{2}$ oz. 40c; oz. 75c; $\frac{1}{4}$ lb. \$2.25.

*Chou-fleur, FR.
Cavol-fiore, ITAL.*

Cauliflower

Culture—For earliest Cauliflower, sow in hotbed or greenhouse during January or February, and transplant to flats or cold frames, 2 or 3 inches apart each way. Set in open ground as soon in spring as the land can be put in good order. Soil to be a warm, very rich, fibrous loam, well supplied with humus and moisture. Copious water applications during dry weather, especially when the plants are heading, and light dressings of nitrate of soda and potash are of much help. Set plants 2 to 2 $\frac{1}{2}$ feet apart each way. When the heads are formed and hard, they should be blanched by drawing leaves together and tying with raffia or strips of cloth. For late Cauliflower to mature during the pickling season, start in open ground like late Cabbages, and handle like that crop. One ounce of seed will produce about 2000 plants.

260 Early Snowball. A very early variety, producing a magnificent head of snowy whiteness. Head is very compact, even, and fine grained, forming very quickly and will keep in condition for a long time without showing discoloration. The outer leaves are erect, tending to protect the young head from the hot sun. A most desirable strain, succeeding equally well outdoors or in the hotbed. Pkt. 15c; $\frac{1}{2}$ oz. \$1.00; $\frac{1}{4}$ oz. \$1.75; oz. \$3.00.



Early Snowball Cauliflower

261 Dreer's Early Snowstorm Super Strain

This has again been brought to the highest point of perfection through the most careful reselection of plants by our seed growers in Denmark. It has been tried by our customers in many sections and they all agree that it is the best they ever grew. The plants are compact, with short outer leaves and can be planted as close as 2 feet apart each way. It always makes a fine, large, and exceedingly beautiful snowy white head. Matures much earlier than any other variety and is a sure prize-winner at Fairs or Exhibitions. Pkt. 25c; $\frac{1}{2}$ oz. \$1.75; $\frac{1}{4}$ oz. \$3.00; oz. \$5.50.

Strong pot grown plants of Early Snowstorm, Super Strain Cauliflower are offered on page 184.

Savoy Cabbage

210 Perfection Drumhead Savoy. The largest, solid heading Savoy and our strain is the best procurable. The plants are strong and vigorous, deep green, and heavily savoyed and curled. In flavor, Savoy cabbage is quite distinct, preferred by many to any other Cabbage, and we highly recommend it. Pkt. 10c; $\frac{1}{2}$ oz. 25c; oz. 40c; $\frac{1}{4}$ lb. \$1.25.

Red Cabbage

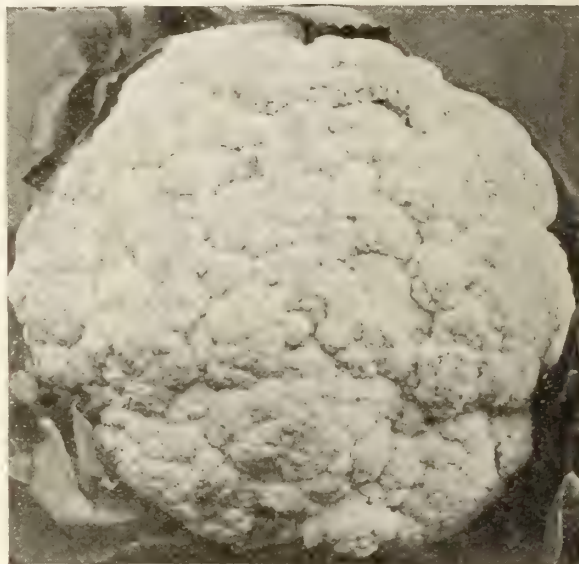
Red Cabbage is gradually becoming more and more popular with many gardeners who realize that it lends itself to different ways of preparation for the table thereby adding variety to the menu. As easy to grow as any other Cabbage and also very attractive.

205 Haco Early Red. A small, round, early sort, ideal for the garden of limited size. Makes a very solid head of delicate texture. Pkt. 10c; $\frac{1}{2}$ oz. 35c; oz. 60c; $\frac{1}{4}$ lb. \$1.50.

218 Large Red Drumhead. A large-heading variety chiefly used for "slaw" and pickling; solid and of crisp texture. Pkt. 10c; $\frac{1}{2}$ oz. 25c; oz. 40c; $\frac{1}{4}$ lb. \$1.25.

219 Mammoth Rock Red. The largest red Cabbage and a sure-heading sort; round and solid. A favorite home pickling sort. Pkt. 10c; $\frac{1}{2}$ oz. 25c; oz. 40c; $\frac{1}{4}$ lb. \$1.25.

*Coliflor, Sp.
Blumenkohl, GER.*



Dry-Weather or Danish Giant Cauliflower

256 Dry-Weather or Danish Giant. A fine variety especially adapted for sections subjected to long, dry seasons. The heads grow to a large size, are very solid, pure white, and of delicious flavor. It is not suited for forcing or growing under glass. One of the safest sorts for the amateur to grow. Pkt. 20c; $\frac{1}{2}$ oz. \$1.25; $\frac{1}{4}$ oz. \$2.00; oz. \$3.50.

257 Dreer's Selected Dwarf Erfurt. Suitable for either forcing or open ground. It produces a solid, pure white, medium size head of excellent quality and is one of the most reliable for the amateur. Pkt. 15c; $\frac{1}{2}$ oz. \$1.00; $\frac{1}{4}$ oz. \$1.75; oz. \$3.00.

Late Cauliflower

	Pkt.	$\frac{1}{2}$ oz.	$\frac{1}{4}$ oz.	Oz.
255 Algiers	\$0 15	\$0 25	\$0 40	\$0 75
259 Half Early Paris	15	30	55	90
262 Veitch's Autumn Giant	15	25	40	75

Health Value of Fresh Cauliflower

Calories per lb. 139 Vitamins A, B, C
Proteins 1.8% Carbohydrates 4.7% Fats
.5% Calcium .123% Iron .00094%

Carotte, FR.
Carota, ITAL.

Carrot

Zanahoria, SP.
Moehre, GER.

One ounce will sow 100 feet of drill; 3 to 4 pounds for an acre.

Culture—One of the few crops that will do well in all soils though a good, deep, friable loam will produce the best looking roots. For an early supply, sow seeds of early sorts as soon as the soil can be dug, placing rows 18 to 24 inches apart and thinning out seedlings to stand 2 to 3 inches apart in the row. Make repeated sowings every 2 weeks. For a winter supply, sow the larger growing firm-fleshed varieties like Danvers, Rubicon, etc., any time during May. The much larger stock varieties should be thinned out to stand 6 to 8 inches apart in rows, 2½ to 3 feet apart. Varieties marked with a star are the best for stock feeding.

232 Chantenay, Red Core. This is a large, thick, stump-rooted carrot slightly tapering towards the bottom. The orange-red skin is very smooth, making it of very attractive appearance. The quality is most excellent, being very crisp, tender, and of an extra fine flavor. A splendid carrot for use throughout the summer and fall, and excellent for winter storing. Pkt. 10c; oz. 25c; ¼ lb. 65c; lb. \$2.00.

234 Danvers' Half-Long Orange. More extensively grown than any other carrot. Of rich orange-red color, smooth, and handsome. The roots are 6 to 7 inches long and taper to a blunt point. They are sweet, crisp, and tender. Produces more bulk to the acre than the larger, longer varieties. This also is a good sort for the home gardener to grow for storing over winter. Pkt. 10c; oz. 25c; ¼ lb. 65c; lb. \$2.00.

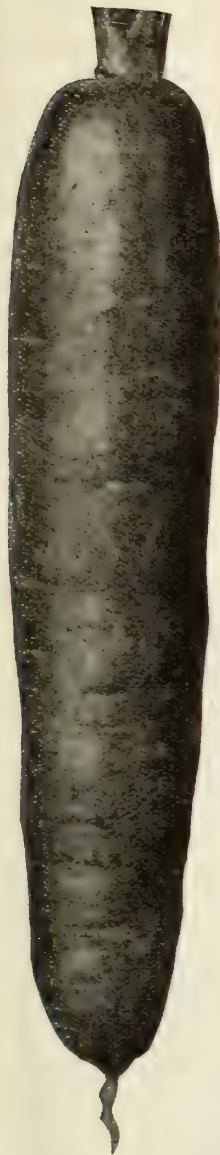
238 *Long Orange, Nichol's Improved. Of deep orange color. When small it may be used for the table, but mostly grown to full size for stock feeding. Pkt. 10c; oz. 20c; ¼ lb. 50c; lb. \$1.50.

236 Oxheart or Guerande. Good on soils too hard and stiff for longer growing sorts. Short, very thick, heavy roots with small tap-root. Bright orange, fine grained flesh of sweet flavor. Most tasty before it reaches its full size. Pkt. 10c; oz. 25c; ¼ lb. 50c; lb. \$1.50.

246 Short Horn, Earliest (French Forcing). One of the earliest of all Carrots with almost globular, reddish orange roots which measure 2 inches long. Equally good for forcing under glass and for early or late outdoor sowing. Pkt. 10c; oz. 20c; ¼ lb. 50c; lb. \$1.50.

252 *White Belgian, Large. A stock-feeding carrot with thick roots 16 inches long. Yields a very heavy crop on fertile soil. Not for table use. Pkt. 10c; oz. 15c; ¼ lb. 30c; lb. \$1.00.

248 *St. Valery. Intermediate between the half-long and long varieties. About 10 inches long with broad tops tapering to a point. Splendid for the table. Pkt. 10c; oz. 20c; ¼ lb. 50c; lb. \$1.50.



Rubicon Improved

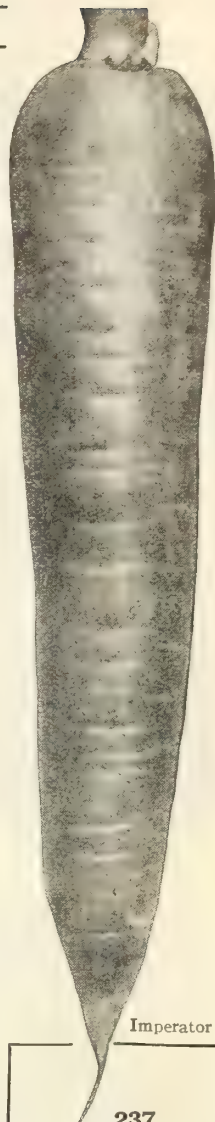
242 Rubicon, Improved. This is a beautiful half-long stump-rooted Carrot of about the same length as the well known Danvers, but of typical cylindrical form. The flesh is an attractive rich dark orange. It is fine grained, exceptionally sweet, and mild. Remarkably clean skinned and easily pulled. Grows to perfection on a deep mellow soil. Pkt. 10c; oz. 25c; ¼ lb. 65c; lb. \$2.00.

240 Perfect Forcing, Dreer's. A popular early Carrot for the garden and for forcing under glass. The half-long cylindrical roots are of uniform size and an attractive bright scarlet color. Has small tops and tender, sweet, fine grained flesh. The small tender core is hardly noticeable in the young roots. Pkt. 10c; oz. 35c; ¼ lb. 75c; lb. \$2.25.



Scarlet Horn, Early Carrots

244 Scarlet Horn, Early. May be planted very early in spring and is an excellent summer variety. The roots grow about 2½ to 3 inches long. They are reddish orange and of good flavor. Has small tops and may be grown either in frames or in the open ground. Pkt. 10c; oz. 20c; ¼ lb. 50c; lb. \$1.50.



Imperator

237

Imperator.

This new Carrot is bound to become very popular as it combines attractive appearance with first-class quality. The roots are 7 to 8 inches long, tapering gradually toward the tip. They are easily pulled. The fine-grained, deep orange flesh is of exceptionally mild and sweet flavor. Pkt. 10c; oz. 25c; ¼ lb. 65c; lb. \$2.00.

Health Value of Fresh Carrots

Calories per lb. 204
Vitamins A, B, C
Proteins 1.1%
Carbohydrates 9.3%
Fats .2%
Calcium .056%
Iron .00064%



Golden Self-Blanching Celery

The Early Kinds

276 Golden Self-Blanching. An early, dwarf variety perfectly suited for home garden culture. Medium-size, stocky plants with thick, solid, crisp stalks of distinct flavor. Compact, clear golden yellow hearts. Pkt. 10c; $\frac{1}{2}$ oz. 30c; oz. 60c; $\frac{1}{4}$ lb. \$2.00.

274 Golden Plume

A large early Celery of superfine quality and splendid appearance. Large heavy stalks with a full, solid heart of golden yellow. Easy to blanch, a good keeper, and always of the crisp, brittle, and nutty quality so much desired. Shows a marked resistance to blight, so often affecting other early yellow strains. This and our special strain of Easy Blanching, offered below we consider the two finest early Celeries in cultivation. Pkt. 25c; $\frac{1}{4}$ oz. \$1.00; $\frac{1}{2}$ oz. \$1.75; oz. \$3.00.

270 Easy Blanching. A very select strain and easily the finest of any of this type. Useful both for early use and for keeping during winter. The plants make a quick, healthy growth to a large size and the thick stalks blanch pure white. They are very tender and brittle, with a rich flavor. Good keeper. This is a Pennsylvania grown stock grown specially for us and must not be confused with the cheaper Western seed. Pkt. 20c; $\frac{1}{2}$ oz. 90c; oz. \$1.70; $\frac{1}{4}$ lb. \$5.50.

284 Perfected White Plume. Unsurpassed for fall and early winter use. As the plants grow to maturity the inner-stalks and leaves turn white, thus making very little earthing up necessary. Pkt. 10c; $\frac{1}{2}$ oz. 25c; oz. 40c; $\frac{1}{4}$ lb. \$1.25.

Celeri, FR.
Sedano, Apio, ITAL.

Celery

Apio, Sp.
Bleich Sellerie, GER.

One ounce of seed will produce about 2000 plants.

Culture—For an early supply, sow seeds of early or self-blanching varieties in flats any time during February. Celery seed is of rather stubborn germination and to insure an even germination the surface of the flats should be kept constantly moist. It is also advantageous to cover the seeds with sand rather than soil because sand will not grow hard or bake. When the young seedlings are big enough to be handled, transplant them into other flats, 2 to 3 inches apart each way.

Harden gradually and by middle of April set out in the garden in rows 3 feet apart, plants 6 inches apart in the row. Cultivate freely and water abundantly. The plants should give you Celery beginning middle of October and up to Christmas time. For a later supply start seeds of winter keeping varieties in a hotbed about middle of March to April 1st. Transplant as suggested above for the earlier sorts and plant out into the garden about June 1st, setting the plants one foot apart because the later varieties are more vigorous growers. To blanch gradually hill up the stalks taking care, however, that no earth falls into the hearts and do not work over Celery while wet. Boards pushed up against the row of both sides will serve the purpose where limited quantities are grown. As cold weather approaches, hill more or mulch with straw or leaves which should be weighted down with more boards or soil. For winter storage dig up the plants with the roots and place upright in well protected frames or store in a cool cellar where they may be packed quite closely.

Health Value of Fresh Celery

Calories per lb. #84	Vitamins A, B
Proteins 1.1%	Carbohydrates 3.3%
Fats .1%	Calcium .078%
	Iron .00062%

The Winter Keepers

269 Emperor. A very special strain of this remarkable late keeping Celery for fall and winter use. Of compact growth averaging 18 inches in height, with unusually thick white stalks and a pale yellow heart. Very crisp and brittle, never showing any signs of strings. Famous for its delightful nutty flavor. Pkt. 10c; $\frac{1}{2}$ oz. 30c; oz. 60c; $\frac{1}{4}$ lb. \$1.75.

282 Giant Pascal. Unquestionably the standard of excellence but it requires rich soil. The stalks are very large, thick, and blanch a creamy white. Solid, crisp, and of a rich, nutty flavor. Pkt. 10c; $\frac{1}{2}$ oz. 20c; oz. 35c; $\frac{1}{4}$ lb. \$1.25.

280 Drer's Monarch. Large stalks with bright golden yellow heart; solid and of delicious flavor, and an easy sort to blanch. Pkt. 10c; $\frac{1}{2}$ oz. 35c; oz. 65c; $\frac{1}{4}$ lb. \$2.00.

290 Winter Queen. Thick, broad, pale green stalks with creamy white heart. Keeps well. Pkt. 10c; $\frac{1}{2}$ oz. 25c; oz., 40c; $\frac{1}{4}$ lb. \$1.25.

283 Soup or Flavoring Celery. Sown thickly in rows, the young leaves are used for flavoring. The seed, also, is used for flavoring soups, stews, pickles, etc. Oz. 10c; $\frac{1}{4}$ lb. 20c; lb. 60c.



Emperor Celery

Celeriac — Turnip Rooted Celery

Celeri-rave, FR.
Sedano-rapa, ITAL.

Apio-naba, Sp.
Knollen Sellerie, GER.

Culture—Handled like Celery, excepting that no blanching is necessary. Celeriac is grown for the root only which is boiled until quite tender and served cold with a French dressing. A most delicious salad. Also used in stews, soups, and raw salads.

292 Apple-Shaped. Smooth, round, solid, crisp roots. Pkt. 10c; $\frac{1}{2}$ oz. 25c; oz. 40c; $\frac{1}{4}$ lb. \$1.00.

294 Giant Smooth Prague. A very large and smooth variety of fine crisp quality and strong Celery flavor. Pkt. 10c; $\frac{1}{2}$ oz. 25c; oz. 40c; $\frac{1}{4}$ lb. \$1.00.

Cardoon

Cardon, FR. *Cardo*, SP.
Cardo, ITAL. *Kardon*, GER.

Culture—Sow seeds in open ground in early spring, where the crop is to mature. Have rows 3 to 4 feet apart and plants standing 1 to 2 feet apart in the rows. Cardoon is sometimes grown in trenches in same manner as Celery and must be bleached like Celery. The full-grown leaves are tied together, wrapped in straw, and banked up with earth. The blanched stalks and ribs will become fit for use in 3 to 4 weeks and are a fine winter vegetable. The thick, fleshy main root is tender and of agreeable flavor. Never allow plants to suffer from lack of water, as stalks will turn hollow and pithy.

230 Large Smooth Solid. This is the best variety in existence. Pkt. 10c; $\frac{1}{2}$ oz. 20c; oz. 35c; $\frac{1}{4}$ lb. \$1.00.

Cerfeuil, FR.
Cerfoglio, ITAL.

Chervil

Perifollo, SP.
Kerbel, GER.

Culture—Easy to grow and very useful. Sow in well prepared ground at any time during the spring. Place rows 1 foot apart. Cultivate like Parsley. The aromatic leaves are used for seasoning. One ounce to 100 feet of row.

296 Curled Chervil. Curled and crisp. Pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. 75c; lb. \$2.50.

Collards

Chou Caba, FR.
Cavolo Verde, ITAL.

Cabu, SP.
Futterkohl, GER.

Culture—Sow the seed at the same time as late Cabbage, about the middle of May. The crop of greens may be grown directly in the seed rows or the plants may be transplanted to stand 2 feet apart in the row. The flavor of this splendid wholesome green is greatly improved after it has been frosted. One ounce of seed will produce about 2000 plants. *Health Value of Fresh Collards:* Calories per lb. 225, Vitamins A, B, C, Proteins 4.5%, Carbohydrates 6.3%, Fats .6%, Iron .0016%.

302 Creole or Southern. Grows 2 to 3 feet high and forms bunches of delicate tender leaves slightly curled at edges. Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 40c; lb. \$1.00.

Chicoree, FR.
Cichoria, ITAL.

Chicory

Achicoria, SP.
Cichorie, GER.



Witloof Chicory

300 Witloof Chicory or French Endive. Grow the roots in the garden like Parsnips. Dig up before frost, cut off tops within one inch of the crown, and trim the root to within 8 inches. Space them layer by layer in a tilted box, add sand or soil between the layers. When full stand up straight and heap 6 to 8 inches of dry leaves, shavings, excelsior, or other material of this sort over the tops. Water once a week and keep in a moderately warm room or cellar. Roots started in this fashion about November 1, will yield beautiful creamy white sprouts that make a delicious salad for Christmas dinner. Pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. 75c; lb. \$2.25.

299 Large Rooted. Grown for the roots only which after roasting are mixed with coffee or used as a substitute. Sow seed early in spring and grow like carrots. One ounce to 100 feet of drill. Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 50c; lb. \$1.75.

Swiss Chard

Poiree, FR.
Bieta, ITAL.

Bleda, SP.
Beisskohl, GER.

Culture—This wholesome vegetable belongs to the same class as the beet root but it has been bred and selected to make a large quantity of luscious, rich green foliage. It is a valuable vegetable taking the place of Spinach all during the hot weather months. Sow in drills 1 foot apart as early in the spring as the ground can be worked and cover the seed one inch deep. Thin the young plants to stand 6 inches apart in the row. Make succession sowings 2 weeks apart until the middle of July. The white midribs are splendid creamed. Also greedily eaten by chickens. **Sow one ounce to 100 feet of row.**

Health Value of Fresh Swiss Chard

Calories per lb. 173	Vitamins A, B
Proteins 3.2%	Carbohydrates 5.0%
Fats .6%	Iron .00309%

167 Giant Lucullus. Though this is quite an old variety it still is one of the most popular. The plants make a vigorous, upright growth that will yield an extra large quantity of curly, light green leaves of a most delightful Spinach flavor. The white midribs give a tasty dish prepared in the same manner as Asparagus. One need not wait until the plants have attained considerable size to begin harvesting because the young thinnings to be had 6 weeks after planting will give a palatable and tasty dish. Using the outer leaves only as they attain fair size will permit the heart to grow, providing a continuous supply of wholesome greens and tender white stems throughout the entire summer and fall. Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 45c; lb. \$1.25.



Lyons Swiss Chard

169 Swiss Chard—Lyons

This variety will quickly produce plants from which leaves may be cut all summer. You can cut right down to the ground, leaving just the small center and new shoots will soon spring up and make a fast growth. Those plants which are allowed to grow will make large crumpled and curly dark green leaves with thick, white midribs which are delicious when cooked and served like asparagus, while the leafy parts make excellent "greens" of even finer flavor than Spinach. Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 45c; lb. \$1.25.

Sweet or Sugar Corn

Mais, FR.

Grano turco, ITAL.

Maiz, SP.

Zucker Mais, GER.

CULTURE—Seed is liable to rot if planted in cold ground. About middle of May plant in hills 3 feet apart each way, covering about 8 or 10 seeds half an inch and thin out to three plants to a hill, or plant in rows 3 feet apart, and thin out plants to stand 12 inches apart in the rows. For succession plant early sorts every two weeks up to July 15. **One pound will plant 100 hills, or about 250 feet of row.**

Health Value of Fresh Sweet Corn

Calories per lb. 470
 Vitamins A, B, G
 Proteins 3.1%
 Carbohydrates 19.7%
 Fats 1.1%
 Iron .0008%

The Early White Sorts

304 Adams' Extra Early. Can be planted earlier than any other but is not a Sugar Corn. Good for the table only when young. Pkt. 10c; $\frac{1}{2}$ lb. 25c; lb. 35c; 2 lbs. 60c; 5 lbs. \$1.55, prepaid.

307 Dreer's Aristocrat. A desirable extra-early Corn. The ears are 8 inches long and have 8 or 10 rows of broad, white grains of tender quality. This variety is very productive, usually bearing two handsome ears to each stalk. Pkt. 10c; $\frac{1}{2}$ lb. 25c; lb. 40c; 2 lbs. 70c; 5 lbs. \$1.65, prepaid.

310 Black Mexican. Some gardeners consider this the sweetest of all Sweet Corn. Though the dry grains are almost black, the edible kernels are white with a pinkish tint. Pkt. 10c; $\frac{1}{2}$ lb. 25c; lb. 45c; 2 lbs. 75c; 5 lbs. \$1.75, prepaid.

327 Dreer's Extra-Early "Independence." A choice early variety with ears measuring 6 to 7 inches long and set with 10 or 12 rows of plump, milky white grains which have a luscious sweet flavor. Pkt. 10c; $\frac{1}{2}$ lb. 25c; lb. 40c; 2 lbs. 75c; 5 lbs. \$1.75, prepaid.

326 Howling Mob. A large-eared second-early variety with ears 8 to 9 inches long set with 16 rows of pure white grains. Of most appetizing and toothsome sweet flavor that has made it most popular. Pkt. 10c; $\frac{1}{2}$ lb. 25c; lb. 45c; 2 lbs. 75c; 5 lbs. \$1.75, prepaid.

332 Mammoth White Cory. One of the best large, extra early varieties usually bearing 2 ears on each stalk. There are 10 or 12 rows of delicious sweet kernels to each ear. Pkt. 10c; $\frac{1}{2}$ lb. 25c; lb. 40c; 2 lbs. 70c; 5 lbs. \$1.65, prepaid.

343 Stabler's Early. Of large size for an early variety and of most tempting sweet flavor and tender substance. The grains are quite broad and covered with a thin skin. Pkt. 10c; $\frac{1}{2}$ lb. 25c; lb. 40c; 2 lbs. 70c; 5 lbs. \$1.65, prepaid.

Main-Crop White Sorts

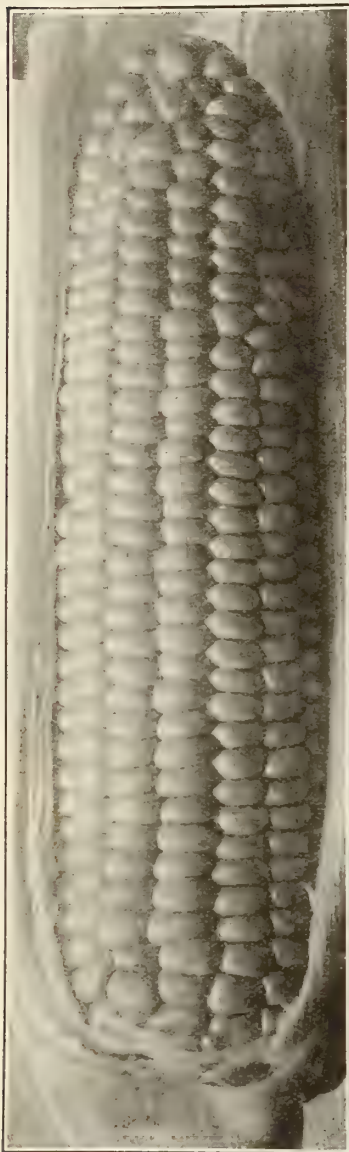
In this class we have some of the great favorites that supply the demand for tender, sweet, and tasty Sweet Corn during the main season.

313 Country Gentleman. This is the popular Shoe Peg Corn which matures its large attractive ears in about 110 days after planting. That makes it a week later than the popular Stowell's Evergreen. The ears are of medium size, set with deep grains irregularly arranged on the cob. Deliciously sweet, tender, and flavorful. Pkt. 10c; $\frac{1}{2}$ lb. 25c; lb. 45c; 2 lbs. 75c; 5 lbs. \$1.75, prepaid.

315 Early Evergreen. This resembles Stowell's Evergreen having the same deep grain and thin cob but it is ready about 10 days earlier and remains in good condition equally as long. The ears grow about 8 inches long and they are set with 14 to 20 rows of sweet grains. Pkt. 10c; $\frac{1}{2}$ lb. 25c; lb. 45c; 2 lbs. 75c; 5 lbs. \$1.75, prepaid.

330 Mammoth Late. This is the largest eared of all Sweet Corns yet it matures about a week earlier than Stowell's Evergreen. The ears measure 10 inches long and they are set with 16 rows of broad, thin skinned kernels which have a tempting, sweet, appetizing flavor. Splendid for market and home use. Pkt. 10c; $\frac{1}{2}$ lb. 25c; lb. 45c; 2 lbs. 75c; 5 lbs. \$1.75, prepaid.

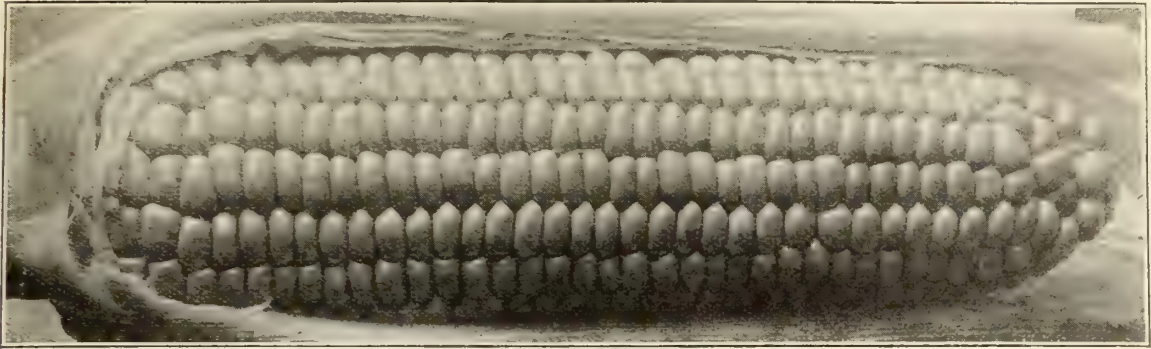
347 Stowell's Evergreen, Improved. A most reliable and therefore most popular main-crop Sweet Corn bearing a heavy crop of ears that measure 8 inches in length. The deep grains are set in straight and even rows on a very thin cob. Remains in good condition for a long time. Pkt. 10c; $\frac{1}{2}$ lb. 25c; lb. 45c; 2 lbs. 75c; 5 lbs. \$1.75, prepaid.



Dreer's Aristocrat



Country Gentleman



Golden Cross Bantam

Tasty Golden Yellow Sweet or Sugar Corn

318 Golden Bantam. Though many varieties of Sweet Corn have been bred since the introduction of Golden Bantam none so far has surpassed it in sweetness and distinct buttery flavor. Its handy size—the ears measure about 6 inches in length—makes it particularly desirable for eating from the cob and its sweet buttery flavor has made it the foremost home garden variety. Another feature is its remarkable earliness. Pkt. 10c; $\frac{1}{2}$ lb. 25c; lb. 45c; 2 lbs. 75c; 5 lbs. \$1.75, prepaid.

323 Golden Gem. As large as Golden Bantam and considered of as fine flavor. Suited particularly for cooler sections. Matures its golden-grained ears 7 or 8 days before Golden Sunshine. Has a remarkable short, stout stalk that appeals to most home gardeners. Sweet and toothsome. Pkt. 10c; $\frac{1}{2}$ lb. 30c; lb. 50c; 2 lbs. 90c; 5 lbs. \$2.00, prepaid.

324 Golden Giant. This is the giant among the yellow varieties with ears measuring 8 inches long. Matures its handsome ears about a week after Golden Bantam. Each cob is tightly set with 16 or 18 rows of sugary, creamy yellow kernels covered by a thin tender skin. Pkt. 10c; $\frac{1}{2}$ lb. 25c; lb. 45c; 2 lbs. 75c; 5 lbs. \$1.75, prepaid.

322 Golden Sunshine. An extra early variety with stalks growing $4\frac{1}{2}$ to 5 feet tall. Most important is its earliness; matures its 12 rowed ears 7 to 8 days ahead of those of Golden Bantam, yet the ears are fully an inch longer than that famous variety. Pkt. 10c; $\frac{1}{2}$ lb. 30c; lb. 50c; 2 lbs. 90c; 5 lbs. \$2.00, prepaid.

320 Golden Cream Sweet Corn

This also is known as Golden Country Gentleman as it resembles that variety in having the same shoe-peg-like kernels arranged in an irregular pattern. It is a cross between Country Gentleman and Golden Bantam combining the splendid qualities of these two varieties. The ears are ready for use in 85 to 90 days after sowing. The creamy golden kernels have a sweetness that will appeal to the epicure. Also most productive averaging 3 ears to the plant. Pkt. 10c; $\frac{1}{2}$ lb. 25c; lb. 45c; 2 lbs. 75c; 5 lbs. \$1.75, prepaid.

Pop Corn

Ready in 130 days.

	Pkt.	$\frac{1}{2}$ lb.	1 lb.	2 lbs.	5 lbs.
351 Queens Golden ...	\$0 10	\$0 20	\$0 30	\$0 55	\$1 25
352 White Pearl	10	20	30	55	1 25
353 White Rice	10	20	30	55	1 25

Corn Salad (Fetticus)

Mavhe, FR. Valeriana, ITAL. Canónigos, SP. Feldsalat, GER.

Culture—A very fine and distinct salad or salad condiment of which both leaves and stems are used. This forms with the outer stalks of Celery a delicious mixed salad. Sow in spring in drills 1 foot apart; it will be ready for cutting in six or eight weeks. For winter and early spring use, sow in drills in August and September. **Three ounces to 100 feet of drill.**

355 Large Seeded. Vigorous grower, producing large healthy plants with oval, light green leaves. Makes excellent salad, and the whole of the plant can be used. Pkt. 10c; oz. 20c; $\frac{1}{2}$ lb. 50c; lb. \$1.75.

New Disease-Resistant Hybrid Varieties of Sweet Corn

These newly developed hybrid varieties of Sweet Corn are extremely valuable as they have shown to be highly resistant to the destructive Stewart's Disease which has become quite serious particularly in the north eastern states. Their heavy husks also protect them against the Corn Ear Worm. The three varieties we offer are of the highest quality and exceptionally uniform.

335 Golden Cross Bantam

Very uniform in habit of growth, size, and maturity. The ears measure 8 inches long and they are closely set with 14 rows of light yellow grains filled with delicious sweet pulp. Bears 2 ears per plant. Pkt. 20c; $\frac{1}{2}$ lb. 45c; lb. 75c, prepaid.

337 Kingscrot Golden Bantam

A double cross between inbred strains of Golden Bantam. Of true Golden Bantam form with 8 rows of broad, deep, luscious creamy yellow kernels. Ready for use 10 days earlier than Golden Bantam. Ears 8 inches long. Pkt. 20c; $\frac{1}{2}$ lb. 45c; lb. 75c.

339 Tendergold

Also known as Top Cross Golden Sunshine. It is the earliest and largest of the 3 disease resistant varieties offered here. Ears 7 to 8 inches long set with 12 rows of sweet, creamy yellow kernels. Pkt. 20c; $\frac{1}{2}$ lb. 45c; lb. 75c.

Cresson, FR.
Agretto, ITAL.

Cress Berro o Mastuerzo, SP.
Garten Kresse, GER.

Culture—Easily grown during winter on the greenhouse bench, in frames, pots, or boxes. Splendid for salad, garnishing, or as an addition to lettuce. Sow thickly in rows 3 to 6 inches apart under glass, or for summer 1 foot apart in open ground. Sow often for succession, as it soon runs to seed.

357 Extra Curled or Peppergrass. Small, finely curled leaves having a very agreeable flavor. Much used in combination with White London Mustard or in salads and sandwiches, also for garnishing. Pkt. 10c; oz. 15c; $\frac{1}{2}$ lb. 35c; lb. \$1.00.

358 Upland. Has the flavor of Water Cress and will grow in any good moist soil. Pkt. 10c; $\frac{1}{2}$ oz. 20c; oz. 30c; $\frac{1}{2}$ lb. \$1.00.

359 Water Cress (Brunnenkresse). A delicious tasty green with slightly pungent flavor. Easily grown in a stream of running water, a ditch, or pond, or in a moist shady situation if liberally watered. Pkt. 15c; $\frac{1}{2}$ oz. 30c; oz. 45c; $\frac{1}{2}$ lb. \$1.25.

Concombre, FR.
Cetriolo, ITAL.

Cucumber

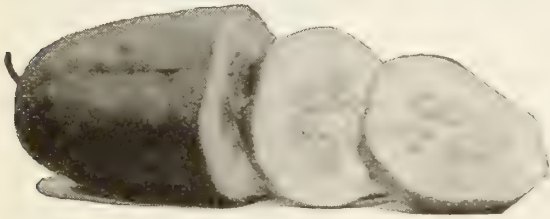
Pepino, SP.
Gurken, GER.

One ounce will plant fifty hills; two pounds will plant one acre.

Health Value of Fresh Cucumbers

Calories per lb. 79
Vitamins A, B, C
Proteins .8%
Carbohydrates 3.1%
Fats .2%
Calcium .016%
Iron .00033%

CULTURE—For very early Cucumbers sow April 1st, in a hotbed upon pieces of sod (grass side down), so that they can be readily transplanted without disturbing the roots. When ground becomes warm, set the pieces of sod holding the seedlings, into well prepared hills and protect with pots, glasses, or Hotkaps until hardened. When the weather has become settled and warm, sow seeds in hills 4 to 6 feet apart each way; thin out to four of the strongest plants to each hill, after all danger from insects is over. They succeed best in a warm, moist, rich, loamy soil. Continue planting at intervals for a succession. The cucumbers should be gathered when large enough for use, whether required or not; if left to ripen on the vines, plants stop bearing. For pickles, plant them from June until the middle of July. The yellow striped cucumber beetle is the most serious insect enemy of the crop. Bordeaux Arsenate of Lead Mixture is by far the best remedy yet discovered. Dilute it with water, 3 ounces to the gallon, and spray it on the vines. Dusting the vines with Slug Shot also constitutes a simple but effective remedy. See page 195 for these remedies.



Arlington White Spine

360 Arlington White Spine Forcing. A popular early sort 9 inches long, bearing a heavy crop of straight, deep green, square ended fruits. Pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. 75c; lb. \$2.50.

363 Chicago Pickle. Small but very uniform in size. Russet skin with a trace of netting. Very productive and ideal for pickling. Pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. 70c; lb. \$2.25.

369 Davis Perfect. A fine variety with long and slim fruits, sometimes measuring 12 inches in length and tapering to the ends. The color is a rich, dark, glossy green which they hold until nearly ripe. Tender, brittle, very few seeds, and of fine flavor. An outstanding and dependable variety. Pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. 75c; lb. \$2.50.

367 Early Cluster. Small, thick fruits of uniform size, slightly tapering at ends. Very prolific and very early. Widely grown for pickling. Pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. 70c; lb. \$2.25.

371 Early Fortune. A splendid Cucumber representing a selection of "White Spine" but differing from this old favorite in having larger and more uniform fruits of handsome appearance. They are cylindrical in shape and have a very dark green skin. The flesh is thick and brittle. It is tender, crisp, and has a choice flavor. A splendid long distance shipper. Pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. 75c; lb. \$2.50.

388 Early Russian. The smallest and earliest pickling Cucumber we offer. Fruit 4 to 5 inches long. It is a tremendous bearer. Pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. 75c; lb. \$2.50.

373 Everbearing. Slightly larger than Early Russian, and will bear all season long. A good home garden sort with beautiful deep green skin. Pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. 70c; lb. \$2.25.

375 Small Gherkin. Small oval fruits covered with spines and used exclusively for pickles. Pick while young and tender. Pkt. 10c; oz. 30c; $\frac{1}{4}$ lb. 85c; lb. \$3.00.

379 Japanese Climbing. Will cover unsightly outhouses and fences or will shade the rear porch very profitably. Fine, deep green fruits. A very useful and profitable sort of good flavor. Pkt. 10c; oz. 30c; $\frac{1}{4}$ lb. 85c; lb. \$3.00.

382 Klondike. A splendid slicing cucumber. The rich dark green fruits grow to a uniform size measuring about seven inches in length and two inches thick when in condition for use. An exceptionally fine shipper. Pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. 70c; lb. \$2.25.

384 Long Green. Unusually hardy and disease resistant, and an excellent all 'round late Cucumber good for both pickles and slicing. Grows 12 to 14 inches long, slender, and tapering to ends. Dark green skin and pure white flesh. Pkt. 10c; oz. 30c; $\frac{1}{4}$ lb. 85c; lb. \$3.00.

383 Longcu

A fancy Cucumber growing 12 or 13 inches in length with rich deep green skin and few spines. It equals in appearance the greenhouse product. Longcu is suited well to both outdoor and under glass production, and it is especially valuable outside on account of its surprising earliness. It can be picked along with Early Fortune and other early slicing sorts if the growing conditions are anywhere favorable. Pkt. 15c; oz. 35c; $\frac{1}{4}$ lb. \$1.00; lb. \$3.50.

390 Snow's Perfected Pickle. Very fine, uniform, square ended fruits and now one of the popular pickling sorts. Yields an immense crop of smooth symmetrical fruits. Pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. 70c; lb. \$2.25.



White Spine, Improved Early Cucumber

392 White Spine, Improved Early (Bennett's). An excellent, medium sized variety which produces an early and very abundant crop. The quite slender fruits are straight, dark green, and have white spines. Pure white, solid, and crisp flesh. Pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. 70c; lb. \$2.25.

English Forcing Cucumbers

For growing in hotbed or greenhouse exclusively.

393 Best of All.....	Packets of 10 Seeds 25c; 100 Seeds \$2.25
394 Covent Garden Favorite.....	
395 Duke of Edinburgh.....	
397 Rochford's Market.....	
399 Telegraph.....	

5028 Dill

We are listing this together with the Cucumbers because the seeds as well as the herbage are essentials in all dill pickles. Grows 2 $\frac{1}{2}$ feet high. Sow thinly $\frac{1}{2}$ inch deep in rows 18 inches apart. Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 50c; lb. \$1.50.

Dandelion

Pissenlit, FR. Petonciano, ITAL. Amargon, SP.
Loewenzahn, GER.

One ounce to 100 feet of drill.

401 Broad-Leaved. Large bushy plants with broad succulent leaves of an appetizing, slightly bitter flavor. Wholesome and nutritious. Pkt. 15c; $\frac{1}{2}$ oz. 45c; oz. 80c; $\frac{1}{4}$ lb. \$2.50.

402 Common. Of similar high quality as the above variety. Pkt. 10c; $\frac{1}{2}$ oz. 25c; oz. 40c; $\frac{1}{4}$ lb. \$1.15.

Endive

One ounce of seed
to 200 feet of row.

Chicoeer, FR.
Indivia, ITAL.
Endibia o Escarola, SP.
Endivie, GER.

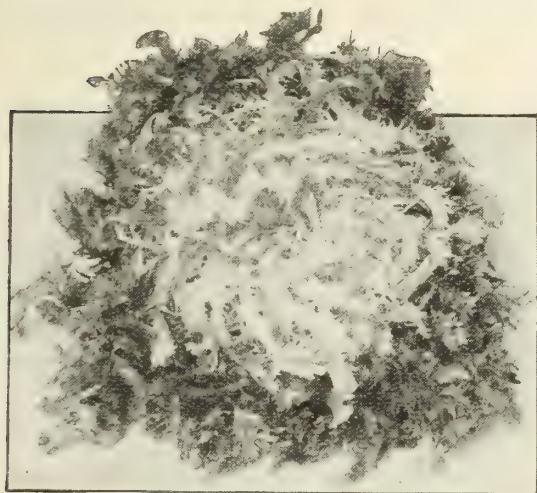
Culture—Endive is one of the best and most wholesome salads for fall and winter use. Sow in shallow drills in April, or for late use in June or July. Transplant or thin to stand 1 foot apart when 2 to 3 inches high. When nearly fully grown tie the leaves together with yarn or raffia to exclude the light so that the heart will become well blanched. It requires 3 to 4 weeks. Or place boards over the plants to blanch them. Health Value of Fresh Endive: Vitamins A, C; Calcium .104%; Iron .000123%.

411 Full Heart Batavian. This is a most desirable new strain of the Batavian Endive. It has all the good qualities of its parent but the heart is composed of a greatly increased number of leaves which will blanch to beautiful creamy white. The mild and pleasantly bitter flavor gives it great zest. Pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. 65c.

412 Dreer's Giant Fringed Endive

This Endive is highly esteemed for table use because of its appetizing flavor and wholesomeness. In some sections it can be grown all the year round. It is a strong growing variety with a large white heart and broad stems, good for fall and winter. On account of the beautifully curled and finely cut leaves this variety is used freely for garnishing as well as making a delicious salad. Pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. 65c.

410 Broad-Leaved Batavian (Escarolle). A favorite salad variety with wide, wavy leaves and cut, irregular edges. Inner leaves blanch nicely to a creamy white. Tender and of very agreeable flavor after blanching. Pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. 65c.



Green Curled Winter Endive

414 Green Curled Winter. A standard sort for fall and winter crop. Very hardy and vigorous. Easy to blanch to a beautiful creamy white. Pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. 65c.

416 White Curled (Self-Blanching). Plants 14 to 16 inches across; leaves pale green, finely cut, crisp, and very tender. Almost white when blanched for use. Pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. 65c.

Egg Plant

One ounce will produce
about 1000 plants.

Aubergine, FR.
Berenjena, SP.
Petonciano, ITAL.
Eierfrucht, GER.

Culture—Egg Plant seed requires a higher temperature for germination than any other vegetable and this temperature should be maintained right along in order to maintain strong and healthy growth. Sow the seed in hotbeds early in March. When 3 inches high, pot the young plants, using small pots, and plunge them in the same bed so that the plants may become stocky. They can be planted out from the pots when the season becomes sufficiently warm in May or June. The soil can hardly be made too rich. Set the plants in open ground, allowing 3 feet between the rows and 2 feet between the plants in the row. Watch for the potato beetle. This pest, as well as blight, may be controlled by spraying with Bordeaux Arsenate of Lead Mixture or by dusting the plants with Slug Shot.

Health Value of Fresh Egg Plants: Calories per lb. 126;
Vitamins A, B; Proteins 1.2%; Carbohydrates 5.1%;
Fats .3%; Calcium .011%; Iron .00047%.



Early Black Beauty Egg Plant

404 Early Black Beauty. Beautiful rich purplish black fruits which are not only very attractive but also of best quality. This beautiful spineless Egg Plant is exacting in its call for rich, warm soil. The plants are remarkably vigorous and produce an abundance of large fruits earlier than the New York Improved. The favorite sort for show purposes. Pkt. 15c; $\frac{1}{2}$ oz. 40c; oz. 70c; $\frac{1}{4}$ lb. \$2.00.

407 New York Improved Large Purple. Produces fruits in great quantities, the plants averaging from 4 to 6 fruits each. They are large, nearly round, dark purple, free of thorns, and of excellent quality. Pkt. 10c; $\frac{1}{2}$ oz. 35c; oz. 60c; $\frac{1}{4}$ lb. \$2.00.

406 Early Long Purple. Earliest, hardiest, and very productive. The club-shaped fruits are 6 to 10 inches long and they are best for very early use. In the opinion of many the flavor is even finer than that of the two large sorts offered above. Pkt. 10c; $\frac{1}{2}$ oz. 40c; oz. 70c; $\frac{1}{4}$ lb. \$2.00.

Plants of Egg Plant are offered on page 184

Finnocchio—Florence Fennel, Sweet Anise

418 Used extensively in Italy as a salad or served boiled with a cream dressing. The base of the plants thickens and when about the size of a hens egg should be earthed up half way in order to blanch it. Pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. 75c.

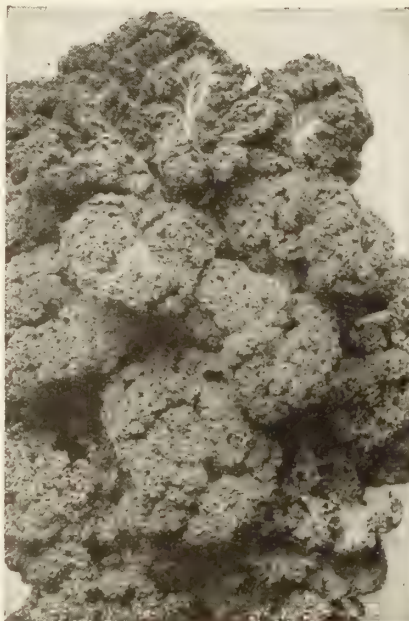
Herbs—Sweet, Pot, & Medicinal

Culture—Herbs delight in a rich, mellow soil. Sow seeds early in spring in shallow drills 1 foot apart. When up a few inches transplant or thin out to proper distances. Those grown for the foliage should be cut and dried before they have come into full bloom, tied in bunches, and hung up or spread thinly where they can dry quickly. Those marked with a * are perennial.

- 5010 Anise.** Grown for its seed used for garnishing, cordials, and pastry. Pkt. 10c; $\frac{1}{2}$ oz. 20c; oz. 35c.
- 5012 *Balm.** Lemon-scented leaves used for seasoning and in liqueurs. Pkt. 10c; $\frac{1}{2}$ oz. 30c; oz. 50c.
- 5014 Basil, Sweet.** The sweet-scented foliage is used for seasoning. Pkt. 10c; $\frac{1}{2}$ oz. 20c; oz. 35c.
- 5016 Bene.** Used medicinally and in cookery. Requires hot weather. Pkt. 10c; $\frac{1}{2}$ oz. 20c; oz. 35c.
- 5018 Borage (Gurkenkraut).** Used for seasoning and cordials. Pkt. 10c; $\frac{1}{2}$ oz. 20c; oz. 35c.
- 5020 Caraway (Kummel).** The seeds are used in breads, cakes, and liqueurs. Pkt. 10c; oz. 25c.
- 5022 *Catnip.** Leaves and young shoots used for medicine and seasoning. An excellent tonic for animals. Pkt. 15c; $\frac{1}{2}$ oz. 35c; oz. 60c.
- 5024 Coriander.** Aromatic seeds used in making confectionery and cordials. Pkt. 10c; oz. 30c.
- 5026 Cumin.** Grown for its seeds. Used for flavoring soups, pastry, etc. Pkt. 10c; oz. 30c.
- 5028 Dill.** Indispensable for dill pickles and for dill sauce. Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 50c.
- 5030 *Fennel, Sweet.** Used in sauces and liqueurs, or raw as a side dish. Pkt. 10c; oz. 25c.
- 5032 *Horehound.** For seasoning and also for cough medicine. Pkt. 10c; $\frac{1}{2}$ oz. 25c; oz. 40c.
- 5034 *Lavender.** The dried flowers have a pleasing perfume. Used to scent linens in the home. Pkt. 10c; $\frac{1}{2}$ oz. 30c; oz. 50c; $\frac{1}{4}$ lb. \$1.50.
- 5038 *Pennyroyal.** Used medicinally and for seasoning food. Pkt. 20c; $\frac{1}{2}$ oz. 45c; oz. 80c.
- 5042 *Rosemary.** The leaves and young tips are used for seasoning. Pkt. 10c; $\frac{1}{2}$ oz. 35c; oz. 60c.
- 5044 *Rue.** For seasoning and also used to cure roup in fowl. Pkt. 10c; $\frac{1}{2}$ oz. 20c; oz. 35c.
- 5046 Saffron. (Carthamus tinctorius).** For flavoring and coloring. Pkt. 10c; $\frac{1}{2}$ oz. 20c; oz. 35c.
- 5048 *Sage.** One of the most popular of all herbs. For seasoning. Pkt. 10c; $\frac{1}{2}$ oz. 20c; oz. 35c.
- 5050 Savory, Summer (Bohnenkraut).** The leaves and young shoots are used for flavoring soups, stews, string beans, etc. Pkt. 10c; $\frac{1}{2}$ oz. 20c; oz. 35c.
- 5052 *Savory, Winter.** Used as above for seasoning various dishes. Pkt. 10c; $\frac{1}{2}$ oz. 30c; oz. 50c.
- 5053 Spearmint.** Extensively used for making the popular mint sauce or in iced drinks. Pkt. 40c; $\frac{1}{2}$ oz. \$1.10; $\frac{1}{2}$ oz. \$2.00; oz. \$3.50.
- 5036 Sweet Marjoram.** Leaves used green in summer and dried in winter. A favorite herb for seasoning. Pkt. 10c; $\frac{1}{2}$ oz. 25c; oz. 40c.
- 5054 Tansy.** The young leaves are used for seasoning. Pkt. 10c; $\frac{1}{2}$ oz. 30c; oz. 50c.
- 5056 Thyme, Broad-Leaved English.** Very popular for seasoning meat dishes, gravy, fillings, etc. Pkt. 10c; $\frac{1}{2}$ oz. 35c; oz. 60c.
- 5058 Thyme, French Summer.** Used for seasoning. Pkt. 10c; $\frac{1}{2}$ oz. 30c; oz. 50c.
- 5060 Wormwood.** For flavoring, medicines, and liqueurs. Pkt. 10c; $\frac{1}{2}$ oz. 20c; oz. 35c.

5061 Mixed Herbs. Contains all the popular varieties for kitchen use in a well balanced assortment. Pkt. 10c; $\frac{1}{2}$ oz. 30c; oz. 50c.

Kale or Borecole



Dreer's Imperial Long Standing Kale

Chou Vert, FR.
Cavolo Verde, ITAL.
Bretón, Sp.
Blaetterkohl, GER.

Culture—Excellent greens for winter and spring use. Sow from May to June, in drills about 1½ feet apart, and cultivate same as Cabbage. For early spring use, sow in September, and protect during winter. The varieties are so hardy that the green leaves may be dug out from under the snow in winter and used for greens. Their flavor is improved greatly by frost. The plants may be permitted to reach their full size when they will yield a large quantity of delicious, rich green herbage which may be used all winter long. **One ounce of seed will produce about 2000 plants.**

**Health Value of
Fresh Kale**
Vitamin A
Iron .00254%

- 422 Dreer's Imperial Long Standing.** A beautifully curled sort of vigorous, spreading habit. Hardy, of attractive appearance, and very productive. The leaves are a rich bright green color. Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 60c; lb. \$2.00.
- 420 Dwarf Green Curled.** Brilliant green curled leaves. Of compact growth and very prolific. Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 50c; lb. \$1.50.
- 423 Dwarf Blue Curled Scotch.** A hardy strain of strong growth producing finely curled foliage with a distinct and beautiful blue tinge. Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 50c; lb. \$1.50.
- 425 Sea Kale (Crambe maritima).** A perennial which should be grown and cultivated like Rhubarb. Edible parts are the young, strong shoots that come up in early spring. After blanching they are cooked and served like Asparagus, or the leaves may be used as greens. Pkt. 10c; $\frac{1}{2}$ oz. 35c; oz. 60c; $\frac{1}{4}$ lb. \$2.00.

Chou Rave, FR.

Cavolo rapa, ITAL.

Kohl-Rabi

Col de Nabo, Sp.

Kohl-Rabi, GER.

Health Value of Fresh Kohl-Rabi

Calories per lb. 140
Vitamin C
Proteins 2.0%
Carbohydrates 5.5%
Fats .1%
Calcium .077%
Iron .00061%

Culture—As early in the spring as the ground can be put in good garden condition, sow it in rows like Radishes, Carrots, or any other root crops. Thin the seedlings to stand 4 inches apart in the row, allowing 18 to 24 inches between the rows. The product is ready for use when the bulbs average 2 to 2½ inches in diameter. The thick outer skin should be removed before boiling. Of a sweet Cauliflower-like flavor. **One ounce of seed will sow a drill of about 300 feet.**

- 427 Earliest Erfurt.** A tender variety with smooth, white roots, and very short top. The best variety for outdoor culture as well as excellent for hotbed or greenhouse growing. The flavor is not unlike that of tender sweet Cauliflower. Pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. 75c.
- 431 Early White or Green Vienna.** A standard sort for table use. Has a very short top and forms the root quickly. A most dependable variety on all soils. The beautiful white flesh is tender and sweet. Pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. 75c.
- 430 Early Purple Vienna.** As early as the white and more heat resistant, hence recommended for sections with warm seasons. The skin is purple, but the tender, tasty flesh is of greenish white color. Pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. 75c.

**Health Value of
Fresh Lettuce**

Calories per lb. 87
Vitamins A, B, C, G
Proteins 1.2%
Carbohydrates 2.9%
Fats .3%
Calcium .043%
Iron .001%

*Laitue, FR.
Lattuga, ITAL.*

Lettuce

*Lechuga, Sp.
Lattich, Salat, GER.*

CULTURE—For the earliest supply sow seed of Loose-Leaf and Early Butterhead varieties under glass or indoors in boxes about March 1st. Sow thinly, and when the young seedlings are three inches tall transplant 3 to 4 inches apart each way in another seed flat or box. As soon as the ground can be put in good garden condition, these plants should be set out in rows 18 inches apart, the plants 4 to 6 inches apart in the row. For a succession sow seeds of Midseason Butterheads, Crispheads, and Cos Lettuces right in the open ground around middle of April. All Lettuces must be thinned out to stand from 6 to 10 inches apart in the row to head properly. As the heads develop, every other one should be cut out to give the rest a chance to expand. During July again sow early Butterhead varieties for a fall supply. **One ounce will produce about 3000 plants.**

"Loose Leaf" Varieties

These do not form heads but produce a thick mass of loose leaves which are brittle, very tasty, and tender. They are particularly excellent early in the season before the heading varieties are available. The leaves are heavily curled and crumpled. They are also fine for growing in the greenhouse during winter.

460 Grand Rapids Forcing. A favorite early Lettuce for under glass or outdoors early in the season. It matures quickly, is of a large size, and of handsome appearance. The crisp, tender leaves are bright green and crimped at the edge. Pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. 70c.

442 Black-Seeded Simpson. One of the most popular "Loose Leaf" sorts because it is very dependable. Produces a compact mass of broad, much crumpled, light yellowish green leaves of extra fine quality. Pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. 70c.

452 Early Curled Simpson (Silesia). One of the oldest loose-leaf Lettuces and quite familiar in American gardens. Forms a close, compact mass of light green, crumpled leaves. Excellent forcer. Pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. 70c.

The Midseason Butterheads

For a continuous supply of high quality salads any of the following varieties should be sown at the same time as the earlier sorts to be succeeded by another sowing made 2 weeks later in order to lengthen the harvesting season. All of these varieties grow to good size.

450 California Cream Butter. Produces a large, solid head and withstands most adverse weather. The thick leaves are dark green, tinged and spotted with brown. The interior of the head is rich golden yellow and its quality very fine. Pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. 70c.



Unrivaled Lettuce

458 Unrivald. A handsome, early Butterhead of extra choice quality. Will form closely folded heads with golden hearts within sixty days from sowing seeds. An all-season variety for cool sections but best for spring work in the latitude of Philadelphia and sections with similar hot summer weather. Pkt. 10c; $\frac{1}{2}$ oz. 25c; oz. 35c; $\frac{1}{4}$ lb. \$1.00.

Early "Butterhead" Varieties

The varieties under this classification all form good-sized, solid heads with tightly folded hearts which blanch to a beautiful light creamy yellow color. They will withstand a moderate amount of warm weather but are not so resistant to intense heat as the Crisp Heading varieties listed on the following page. Thorough preparation of the land, good fertility, and ample moisture are important factors to success.



Dreer's "All Heart" Lettuce

440 Dreer's "All Heart"

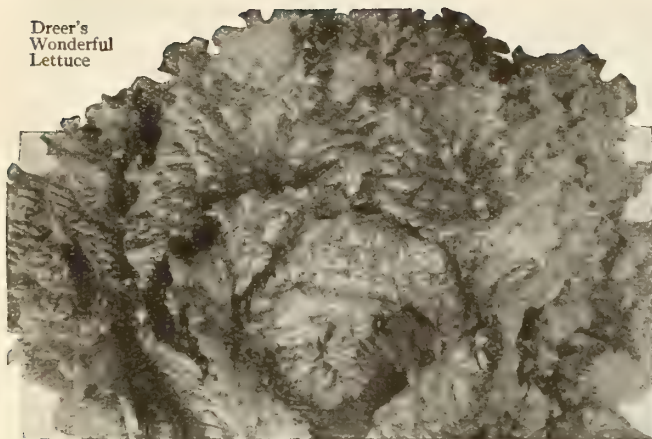
The name of this variety is most descriptive, because the few loose outer leaves enclose a head that is one large solid heart. Now thoroughly tested in all soils and sections, we have yet to hear of an instance where Dreer's All Heart Lettuce did not prove of exceptional merit. While suitable for summer use in cool sections, it is preeminently an early spring variety and gives best results in soils containing an abundance of humus or other quickly available plant food. The heads are of delicate yellowish green color, making it a most attractive market variety. The flavor is excellent. Pkt. 10c; $\frac{1}{2}$ oz. 25c; oz. 35c; $\frac{1}{4}$ lb. \$1.00.

446 Big Boston. More extensively grown than any other variety in this class. It is early and hardy, of a medium light green with a slight tinge of brown on margins of outer leaves. Very desirable for forcing and also for spring and fall outdoor planting. Of good quality, being crisp, tender, and of fine flavor. Pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. 70c.

448 Boston Market. (White Seeded Tennisball). A well-known sort, producing crisp, medium sized, light green heads with outer leaves tinged with brown. Good both under glass and outdoors. Pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. 70c.

468 May King. Very early, and being hardy will stand considerable cold, damp weather. It can be planted out of doors or under glass, and in either case will produce attractive, solid heads. The outer leaves are yellowish green tinged with brown, while the solid heart is rich golden yellow of rich buttery flavor. Pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. 75c.

474 Salamander. One of our most popular and reliable varieties. A medium green, medium sized sort which always heads up well and does well under almost any weather conditions. Leaves crumpled and of fine tender quality. Has a solid tasty heart. Pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. 70c.



Crisp Heading Lettuce Varieties

These will withstand more heat than any other type of regular Lettuce. All of them have well blanching hearts of a pure white color. They are crisp and mild even during the hot weather.

462 Dreer's Improved Hanson. A remarkable crisphead Lettuce of choice quality. Has beautiful, curled, light green leaves enclosing a large white crisp heart of remarkable solidity. Very tasty and brittle. Pkt. 10c; ½ oz. 20c; oz. 30c; ¼ lb. 90c.

483 Dreer's Wonderful. Sometimes called "New York" or "Los Angeles Market." Withstands heat and forms perfect heads which resemble Cabbage in their solidity. They measure from 12 to 15 inches across and frequently weigh 2 to 3 pounds each. The outer leaves are rich deep green. Pkt. 10c; ½ oz. 20c; oz. 30c; ¼ lb. 90c.

464 Iceberg. The outer leaves are light green in color, tinged with brown, and their habit of branching towards the center of head is a great aid to the blanching of the heart. Pkt. 10c; oz. 25c; ¼ lb. 75c.

470 Mignonette. Small, compact heads. Leaves curled and edges tinted brown. Though not particularly attractive this is one of the surest "headers" with solid heart of sweet flavor. Pkt. 10c; oz. 25c; ¼ lb. 75c.

Health Value of Fresh Watermelons

Calories per lb. 140
Proteins .4%
Carbohydrates 6.7%
Fats .2%
Iron .00023%

Melon d'eau, FR.
Cocomero, ITAL.

Watermelons

Sandia, SP.
Wasser Melone, GER.

One ounce for 30 hills; four to five pounds per acre.

CULTURE—These thrive in a light, rich, sandy, warm soil and they need plenty of sunshine to develop a high sugar content. Sow after the middle of May in hills 6 feet apart. Place 6 to 8 seeds in a circle in each hill and cover ½ inch deep. Use sprays cautiously.

530 Alabama Sweet. Oblong in shape, early in maturing for so large a melon. Color dark green, irregularly striped. Remarkably firm, bright red flesh of lusciously sweet flavor. Pkt. 10c; oz. 15c; ¼ lb. 40c; lb. \$1.25.

536 Colorado Preserving Citron. A small, round, pale green melon, marbled with grey. For preserve making only for which purpose it is excellent. Pkt. 10c; oz. 15c; ¼ lb. 45c; lb. \$1.25.

534 Cole's Early. An extra-early, round, dark green, prettily marked melon with solid heart. The deep pink flesh is of fine texture and good flavor. A very suitable variety for our northern States. Pkt. 10c; oz. 15c; ¼ lb. 40c; lb. \$1.25.

540 Florida Favorite. An early, oblong melon of medium size, striped alternately light and dark green. Deep red flesh of excellent quality. The melons weigh about 30 lbs. each. Pkt. 10c; oz. 15c; ¼ lb. 40c; lb. \$1.25.

542 Harris' Earliest. Large, slightly oval in shape. The skin is mottled light and dark green. Solid, bright red, very tender, sweet flesh. Pkt. 10c; oz. 15c; ¼ lb. 45c; lb. \$1.25.

Romaine or Cos Lettuce

This type of Lettuce will usually succeed well even during hot weather when nearly all other Lettuces "shoot" seed stalks.

466 Kingsholm Cos. Forms long, firm, upright plants with narrow leaves which are crisp and refreshing, withstanding the summer heat. Light green in color and a very reliable variety for late use. Pkt. 10c; oz. 25c; ¼ lb. 75c.

473 Paris White Cos. One of the best known. Erect plants with tightly folded, pale green leaves of good quality, which it retains for a long time. Pkt. 10c; oz. 25c; ¼ lb. 75c.

479 Trianon Cos. Sown at the same time as the head Lettuces, this variety perfects compact, upright, tightly folded cones within sixty days from sowing the seeds. It folds of its own accord, no tying being required, and the inside leaves bleach naturally to a most attractive greenish white. It is an ideal Lettuce for sowing again during June for use during August when regular head Lettuces will not form solid plants. Pkt. 10c; oz. 25c; ¼ lb. 75c.

Poireau, FR.
Porro, ITAL.

Leek

Puerro, SP.
Lauch, GER.

Culture—For flavoring soups, stews, etc., or as a boiled vegetable. Sow in April in drills 1 foot apart, and when 6 to 8 inches high transplant in rich soil, in rows 12 inches apart and 4 inches apart and draw the earth to them as they grow. Seed may also be sown in August or September; plants transplanted in the spring. **One ounce will sow 100 ft. of drill.**

Health Value of Fresh Leek

Calories per lb. 150
Vitamins A, B, C
Proteins 1.2%
Carbohydrates 5.0%
Fats 0.5%
Iron .00048%

438 Dreer's Prizetaker. A fine large variety of great merit; very mild and tender. They grow long and thick, and are pure white in color. A very popular exhibition variety. Pkt. 10c; oz. 30c; ¼ lb. \$1.00.

433 Giant Carentan. Large thick stem of mild flavor. Quite hardy. Pkt. 10c; oz. 30c; ¼ lb. \$1.00.

437 Musselburgh. Highly esteemed for exhibition. Of splendid flavor. Pkt. 10c; oz. 30c; ¼ lb. \$1.00.

Health Value of Muskmelon

Calories per lb. 185
Vitamins A, B, C
Proteins .6%
Carbohydrates 9.3%
Iron .00039%

Melon Musca, Fr.
Popone, ITAL.

Muskmelons

Melón, SP.
Melone, GER.

One ounce will plant about 50 hills; 6 to 8 lbs. in hills per acre.

CULTURE—Melons thrive best in a light, rich soil, and sunshine is essential for increasing the sugar content of the melons. When the ground has become thoroughly warm, generally after middle of May, sow seeds in hills 5 to 6 feet apart each way. Melon vines are ravenous feeders and for best results a few shovelfuls of well-rotted manure should be incorporated in each hill. Scatter 12 to 15 seeds on top of each hill and cover about $\frac{1}{2}$ inch deep. After all danger of bugs is over, thin out to three or four strongest plants per hill. Early and repeated spraying with Bordeaux Arsenate of Lead Mixture is always advisable for these crops.

Salmon Fleshed Varieties

488 Bender's Surprise. A remarkably disease-resistant and prolific Melon of strong, vigorous growth. The vines produce an abundance of large, nearly round fruits with pale green lightly netted skin. The sweet, deep orange flesh is fine grained and has a spicy flavor. Has very thick and luscious flesh. Pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. 60c; lb. \$1.75.

497 Emerald Gem. A small, but very early, smooth variety with faint ribs and light netting. Salmon-pink flesh and a very small seed cavity. Has a rich aroma and is very sweet. Pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. 60c; lb. \$1.75.

500 Fordhook. A high quality, slightly flattened melon of medium size. Heavily ribbed and netted, and outstanding for its thick, juicy, aromatic, orange flesh. Pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. 60c; lb. \$1.75.



Hale's Best Muskmelon

510 Hale's Best. This is the Melon now grown so extensively in the Imperial Valley, Cal., for early shipment to the big Eastern markets. Hale's Best is slightly larger and 2 weeks earlier than the standard Rocky Ford and is pink-fleshed clear to the rind. Well ribbed and netted. The flesh is very thick, with only a small seed cavity, and of excellent quality, being sweet and musky. Pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. 60c; lb. \$1.75.

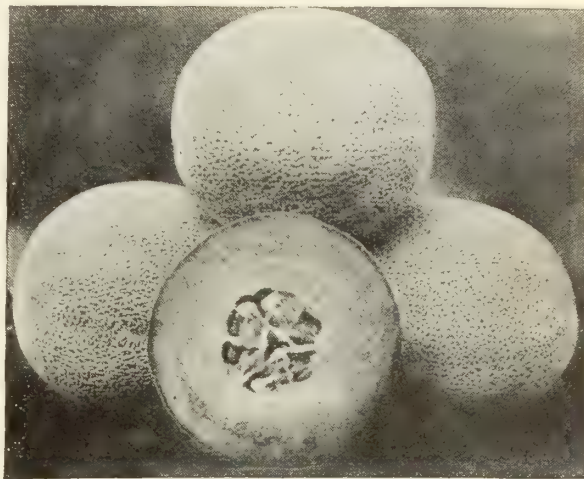
505 Hearts of Gold or Imp'd Hoodoo

The vines make a strong and vigorous growth. They are remarkably disease-resistant and produce a wonderful crop of delightfully flavored fruits. The melons are of medium size, round, and distinctly ribbed. They present a most attractive appearance. The firm rind is thickly netted. The flesh is rich deep orange, fine grained, and moderately firm, enclosing a very small seed cavity. Of remarkable sweetness and spicy flavor. Pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. 60c; lb. \$1.75.

509 Honey Rock

A new salmon-fleshed variety of delicious sweetness and rich aroma. While the almost round melons are only of medium size, this is fully compensated by the remarkably thick flesh and small seed cavity. Skin is roughly netted and of a grey-green color. Pkt. 15c; oz. 25c; $\frac{1}{4}$ lb. 60c; lb. \$1.75.

524 Tip Top. A splendid melon maturing ahead of Rocky Ford. The globular or slightly flattened fruits are irregularly and indistinctly ribbed and lightly netted. They have an emerald green skin turning yellow when ripe. Very thick, sweet flesh of a beautiful salmon color surrounding a very small seed cavity. Pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. 60c; lb. \$1.75.



Delicious Gold-Lined Muskmelons

Green Fleshed Varieties

493 Delicious Gold-Lined. This melon is nearly round, without ribs, and the skin is covered with a thick grey netting, adding much to its appearance. The thick flesh is green with golden tint next to the small seed cavity, which makes it very attractive when cut. The flavor is delicious, being remarkably sweet and spicy. Pkt. 10c; oz. 30c; $\frac{1}{4}$ lb. 75c; lb. \$2.00.

503 Hackensack, Extra Early. A flat early melon with prominent ribs and coarse netting. The light green flesh is thick, sweet, and juicy. Pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. 60c; lb. \$1.75.

508 Honey Dew. The outer skin is smooth, hard, and nearly white, being really of the Casawba type. The melons are large, round to oval in shape. The light green flesh is luscious, juicy, solid, and of honey-like flavor. Not recommended for northern States as it needs a long hot season. Pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. 60c; lb. \$2.00.

495 Knight, Early. In some sections this melon is called "Maryland," and in others "Sugar Sweet." It is earlier than Rocky Ford and more oval in shape, with thicker netting. Deep green skin turning golden when ripe. The flesh is bright green blending to light pink near the center. Very sweet and tasty. Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 50c; lb. \$1.75.

518 Montreal Market. The largest of the Nutmeg varieties, with deep ribs and heavy netting. The flesh is green and of good flavor. Largely grown in our northern States and in Canada, and generally recommended for cool sections where it does exceptionally well. Pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. 60c; lb. \$1.75.

522 Rocky Ford Improved. This well-known Melon is almost round in shape and thickly netted. The fruits average about five inches in length. The light green flesh is smooth-grained and of fine spicy flavor. It is an old favorite. Pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. 60c; lb. \$1.50.

Varieties for Under-Glass Culture

489 Blenheim Orange. Oval shaped fruits with luscious flesh of a deep orange color. Pkt. (10 seeds) 25c.

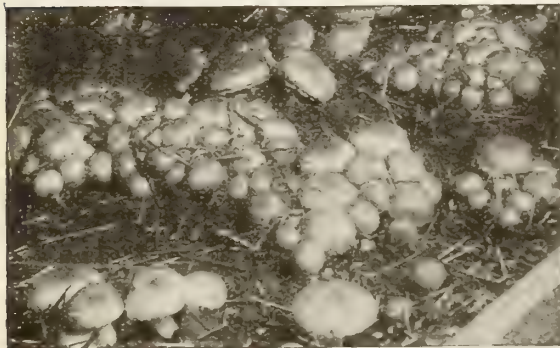
526 Windsor Castle. A reliable green-fleshed variety to be grown in frames or the greenhouse. Pkt. (10 seeds) 25c.

Martynia

Culture—A comparatively little known vegetable with large seed pods which when gathered young and tender make excellent pickles. Sow in the open ground in May in hills 3 feet apart each way. Or start in a hotbed and transplant in the open when the weather is warm.

485 Proboscidea. Large plants with long, curiously shaped, curved pods. Pkt. 15c; $\frac{1}{2}$ oz. 30c; oz. 50c; $\frac{1}{4}$ lb. \$1.50.

Mushroom Spawn



A satisfied customer sent us this evidence of success with Dreer's Mushroom Spawn

Health Value of Fresh Mushroom

Calories per lb. 210
Vitamins A, C
Proteins 3.5%
Carbohydrates 6.8%
Fats .4%
Iron .00073%

Mushrooms can be grown in almost any building, cellar, or shed which can be darkened. They should be eaten more plentifully because they are wholesome and nutritious. Of course proper care must be taken of the beds and full directions for the growing of these Mushrooms are given in our circular which will be sent free upon application.

Pure Culture Sterilized Spawn. Used by all the large commercial producers of mushrooms and equally as fine for the home gardener. Shipped with full cultural directions. One carton will spawn about 40 square feet of bed and is equal to 5 bricks. Per carton \$1.30; 5 cartons \$6.00; 10 cartons \$11.50, prepaid.

American Spore Culture Brick Spawn. An American make of spawn which produces mushrooms of excellent quality and large size. We furnish the Cream White No. 8 variety. Per brick 45c; 5 bricks \$2.00; 10 bricks \$3.75; 25 bricks \$8.75; 100 bricks \$30.00, prepaid.

Choice Onion Sets

For the small garden we recommend the use of Onion Sets as the risk of failure is almost eliminated and the crop is ready much earlier. Onion Sets should be planted in rows 12 inches apart, with sets 2 inches apart in the rows. 1 quart will plant a 50 foot row. Sent "prepaid" in quantities offered below.

	Pt.	Qt.	4 qts.	Peck
White Onion Sets.....	\$0 20	\$0 40	\$1 40	\$2 50
Yellow Onion Sets.....	20	35	1 20	2 10
Red Onion Sets.....	20	35	1 20	2 10
Egyptian (for Scallions). Sept. to March delivery.....	15	30	1 10	2 00
White Potato (Multiplier)....	20	35	1 20	2 10
Yellow Potato.....	20	35	1 20	2 10
Shallots.....	20	40	1 40	2 50
Garlic.....	25	45	1 50	2 70

Chives. See Vegetable Plants, page 184.

Special quotations for larger quantities.

Mustard

*Moutarde, FR. Mostaza, Sp.
Senapa, ITAL. Senf, GER.*

One ounce will sow 100 feet of drill.

Culture—A pungent salad plant; the seed is also used for flavoring pickles, pepper sauce, etc., and the three large leaved sorts are excellent boiled and served like Spinach.

558 White London. Dark green, small, smooth leaves. Splendid for salad and garnishing if cut about 10 to 12 days after sowing the seed. Pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 30c; lb. 90c.

554 Chinese. Large, light green leaves, frilled at edge. Pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 35c; lb. \$1.00.

556 Fordhook Fancy. Beautifully curled and fringed, making it attractive for salads and garnishing; of mild flavor. Pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 35c; lb. \$1.00.

557 Southern Giant Curled. Strong and upright plants, with large crumpled and frilled leaves. Pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 35c; lb. \$1.00.

Mustard Spinach

559 Tender-green



While this is a mustard, its mild pleasing flavor is much more like that of Spinach, and the plant is recommended to be grown in place of Spinach.

It is an equally wholesome green which seems to be little affected by hot, dry weather. Of quick growth with the leaves being ready for cutting 3 to 4 weeks after sowing. Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 50c; lb. \$1.25.

Okra or Gumbo

*Gombaud, FR. Gombo, Sp.
Ibisco, ITAL. Ocher, GER.*

Culture—The green pods are used in soups, stews, etc. Sow seed thinly in rich ground about the middle of May or when the soil has become warm, in drills 3 feet apart, covering them 1 inch deep. When 4 to 6 inches tall, thin out plants to stand 12 to 18 inches apart in the row. Cultivate like corn. **One ounce will sow 100 feet of drill.**



Dreer's Little Gem Okra

Health Value of Fresh Okra

Calories per lb. 172
Vitamin B
Proteins 1.6%
Carbohydrates 7.4%
Fats .2%
Calcium .071%
Iron .00063%

560 Dreer's Little Gem. Makes a dwarf stocky growth and is very productive. The light green pods are thick, heavy, and solid. Pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 40c; lb. \$1.25.

561 Improved Long Green. Very productive and bears long, bright green pods of good quality. Pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 30c; lb. \$1.00.

565 White Velvet or Creole. The pods are free from ridges and very tender. Pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 30c; lb. \$1.00.

563 Perkins' Long-Pod. Plants are 24 to 30 inches tall. The pods grow 4 to 5 inches long. They are very tender while young and of a beautiful deep green color. Pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 30c; lb. \$1.00.

Ognon, FR.
Cipolla, ITAL.

Drerer's Onion Seed

Cebolla, SP.
Zwiebel, GER.

One ounce of Onion seed for 100 feet of drill, 5 to 6 pounds for an acre.

Culture—Large Onions are easily grown from seeds in one season provided the gardener has a rich piece of ground and is willing to do the necessary hand weeding and transplanting of the young Onions. Seeds may be sown very early in the spring in rows 18 inches apart, and as soon as seedlings are 3 to 4 inches tall they should be thinned out to stand 3 to 4 inches apart in the row. Several applications of Bovung or wood ashes scattered on both sides of the row and hoed into the soil will benefit the developing roots immensely. Pull when tops begin to die down, cure, and sell, or store in a cool, dry place. By sowing seed of the Spanish type, such as Prizetaker and the Southport Globes, under glass in February or March and transplanting in April to open ground 3 to 4 inches apart in the rows bulbs of immense size may be produced.

Best American Yellow Sorts

As a class the following may be termed the best general purpose Onions for home and market purposes.

568 Danvers Yellow Globe. Home gardeners throughout the country prefer this type to all others. Realizing the importance of getting a true-to-type strain, the bulbs from which our seed is grown are especially and carefully selected as to an even large size and perfect globe shape. Of good size and a splendid keeper, while the flesh is very mild flavored. Pkt. 10c; ½ oz. 25c; oz. 40c; ¼ lb. \$1.10; lb. \$4.00.

570 Gigantic Gibraltar. Light straw-colored skin and white flesh, which is mild and tender. Will produce large round onions five inches in diameter and weighing up to 2 lbs., if seed is started early under glass and grown in rich soil. Pkt. 10c; ½ oz. 20c; oz. 30c; ¼ lb. 90c; lb. \$3.00.

577 Philadelphia Yellow Dutch or Strasburg. A very popular home garden Onion. Well flavored flesh; bright straw-colored skin and somewhat flattened shape. Its excellent keeping qualities make this a favorite sort. Pkt. 10c; oz. 25c; ¼ lb. 75c; lb. \$2.50.

578 Prizetaker

The large size and handsome appearance of this Onion make it equally desirable for the home garden or for market. The true Prizetaker Onion is globe-shaped, has pale yellow skin, and white flesh, which is very mild and of delicate flavor. No sets are required, as the large Onions are grown the first year from seed sown during the spring, thus making it a very desirable Onion for the home garden. It also is a good variety for sowing under glass in February for transplanting. When started in this manner immense bulbs can be raised to perfection. Pkt. 10c; ½ oz. 20c; oz. 30c; ¼ lb. 90c; lb. \$3.00.

586 Southport Yellow Globe. A very large, handsome, globular, very productive, yellow variety of mild flavor. The outer skin is pale yellow and the flesh creamy white. This is one of the latest to mature, requiring about 100 days to reach full size. Pkt. 10c; ½ oz. 25c; oz. 40c; ¼ lb. \$1.10; lb. \$4.00.

587 Valencia

The best of the large sweet Spanish Onions

The Spanish type of Onion is valued for its exceptionally mild and sweet flavor and Valencia is without doubt the finest of them all as it grows to truly enormous size if growing conditions are anywhere near favorable. It is also known as *Denia* or *Riverside Sweet Spanish*. In some ways it resembles the popular Prizetaker but the onions are considerably larger and consequently heavier in weight. The skin is a beautiful golden yellow but the flesh is pure white. It has a mild, pleasing sweet flavor. Their shape is round and when mature they have a thin neck. With proper culture they will develop into magnificent specimens of the prize-winning type. Pkt. 15c; oz. 35c; ¼ lb. \$1.00; lb. \$3.50.

The Leading White Sorts

The white-skinned onions are much milder in flavor than yellow or red ones but they do not keep so well.

574 Mammoth Silver King. The largest of the foreign varieties. Produces large, flat bulbs within 120 days from seeds. White skin and pure white, mild, well-flavored flesh. Pkt. 10c; ½ oz. 20c; oz. 30c; ¼ lb. 90c; lb. \$3.00.

584 Southport White Globe. A well known and popular standard sort of medium size, perfect globe shape, with pure white skin. White, fine grained flesh of fairly strong flavor. Late in ripening and one of the best keepers among white sorts. Pkt. 10c; ½ oz. 25c; oz. 40c; ¼ lb. \$1.10; lb. \$4.00.

588 White Bunching.

This variety does not form bulbs and it is grown exclusively for green onions or scallions. Sow the seed thickly in rows and earth up gradually to blanch the stalks as far up as possible. Pkt. 10c; ½ oz. 20c; oz. 30c; ¼ lb. 90c; lb. \$3.00.

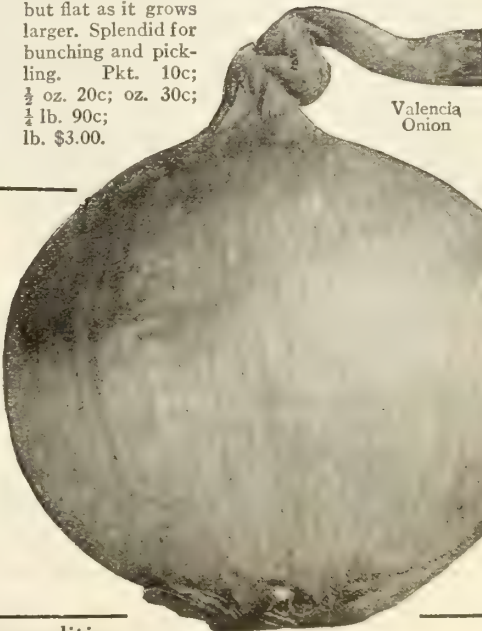


White Bunching Onion

590 White Portugal or Silver Skin. Large, flat, pure white onions ready for use within 75 days after sowing. Widely used for growing sets on account of its fine shape when small. A good keeper, also valuable for pickling and bunching. Pkt. 10c; ½ oz. 25c; oz. 35c; ¼ lb. \$1.00; lb. \$3.50.

592 White Queen or Barletta.

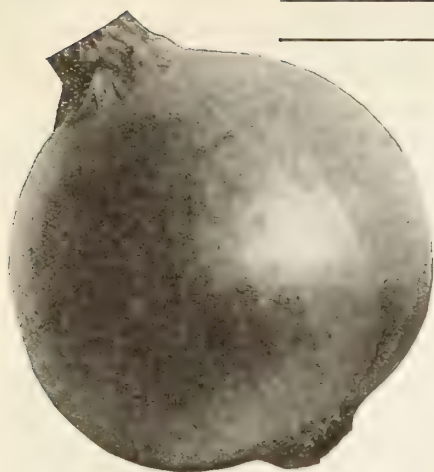
An early small Onion round when young but flat as it grows larger. Splendid for bunching and pickling. Pkt. 10c; ½ oz. 20c; oz. 30c; ¼ lb. 90c; lb. \$3.00.



Valencia Onion

The Best Red Onions

The Red Onions are by far the best winter keepers remaining in perfect condition throughout the winter until way late into the spring. They are late maturing and have the strongest flavor of all onions.



Southport Red Globe Onion

580 Large Red Wethersfield. A beautiful Onion of attractive appearance and doing well in all sections. The onions are very large and have a distinct flat shape. The skin is a beautiful purplish red and the flesh shows attractive pink shadings next to the skin. It has solid flesh of a rich Onion flavor and will keep exceptionally well all throughout the winter until late spring. Furthermore it has proved to be a decidedly drought resistant variety. Pkt. 10c; $\frac{1}{2}$ oz. 20c; oz. 30c; $\frac{1}{4}$ lb. \$1.00; lb. \$3.50.

582 Southport Red Globe. This shares the same popularity as the other Southport Globe Onions as it exhibits the same valuable characteristics — such as a good round form, uniformity in size, and choice quality. It requires about 110 days to reach full size and it is the most popular of the Red Onions always showing a small neck. It is a splendid keeper lasting well through the winter with flesh that is firm and has a rich onion flavor. Pkt. 10c; $\frac{1}{2}$ oz. 20c; oz. 30c; $\frac{1}{4}$ lb. 90c; lb. \$3.00.



Dreer's Dwarf Perfection Parsley

*Persil, FR.
Prezzemolo, ITAL.*

Parsley

*Perejil, SP.
Petersilie, GER.*

Culture—Used for garnishing and seasoning soups, meats, etc. Succeeds best in a mellow, rich soil. Sow thickly early in April in rows 18 to 24 inches apart and $\frac{1}{2}$ -inch deep. Thin out the plants to stand 6 inches apart in the row. The seed germinates slowly, plants taking from three to four weeks to make their appearance and sometimes failing to come up in dry weather. To insure prompt germination, soak the seed a few hours in warm water, or sprout in damp earth, and sow when it swells or sprouts. For winter use, protect in a frame or light cellar. **One ounce of seed for 150 feet of drill.**

600 Dreer's Dwarf Perfection. A really marvelous strain of Parsley producing plants that are even and compact. The exquisitely fine and prettily curled leaves are set very close on the plants. The color is a rich bright pea green that gives it its outstanding value for garnishing. Yet it combines with its good appearance all the choice qualities of a fine culinary herb. Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 60c; lb. \$1.75.

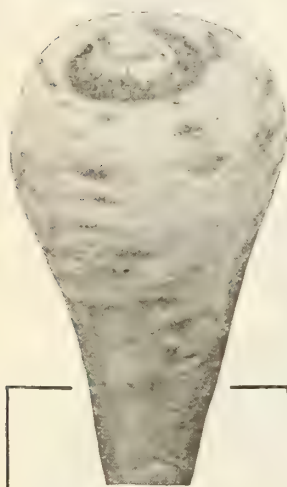
596 Champion Moss Curled. Whenever a vegetable enjoys popularity all over the country there can be no doubt that it has unusual merits. Champion Moss Curled is such a variety. It forms a dense dwarf growth of curled and crimped leaves of a beautiful rich green color. Pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 40c; lb. \$1.25.

604 Dreer's Summer Green. A strong and vigorous grower that resists heat and drought to an unusual degree. Produces large, finely curled leaves of a beautiful dark green color. Pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 40c; lb. \$1.25.

606 Hamburg or Rooted. While the foliage of this Parsley is used extensively for flavoring and garnishing, the variety is mostly grown for its fleshy Parsnip-like roots which are of a yellowish white color. These roots are 5 to 6 inches long and 2 inches thick at the top. They are splendid in soups, stews, etc. Pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 40c; lb. \$1.25.

602 Dreer's Exhibition Parsley

This new Parsley is bound to become extremely popular as it combines attractive appearance with the finest qualities of a culinary herb. The compact plants are just one solid mass of finely divided and curled leaves of a most pleasing rich and bright deep green color. The finely cut foliage resembles a bunch of moss and it may well be grown as an edge to the flower border on account of its good form and rich color. Pkt. 15c; oz. 30c; $\frac{1}{4}$ lb. 80c; lb. \$2.75.



Short Thick Parsnip

*Panais, FR.
Pastinake, ITAL.*

Parsnips

*Chirivía, SP.
Pastinake, GER.*

Culture—Parsnips are a valuable fall and winter vegetable. Sow as early in the spring as weather and soil conditions permit. Space the drills 2 feet apart and cover the seed about $\frac{1}{2}$ -inch deep if planted in moderately light soil. Cover less in heavy clay. Thin the young seedlings to stand 4 to 6 inches apart in the row and cultivate thoroughly throughout the growing season. Their flavor is best after being left outdoors all winter long. For winter use store in pits or cellars where they are easily accessible. **Health Value of Fresh Parsnips:** Calories per lb. 294, Vitamins A, B, Proteins 1.6%, Carbohydrates 13.5%, Fats .5%, Calcium .059%, Iron .00077%.

611 Short Thick. This is a half-long Parsnip of the regular hollow crown type retaining the usual thickness at the shoulder and growing 6 to 7 inches long. It matures very early, is tender, sweet, and very easy to pull. Pkt. 15c; oz. 25c; $\frac{1}{4}$ lb. 70c; lb. \$2.25.

609 All American. A new and very fine strain developing clean white roots of tender, sweet quality. Free from fiber and with only a small core. Deeply hollow-crowned. Pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. 60c; lb. \$2.00.

608 Large Sugar or Hollow Crown. The standard Parsnip extensively grown in the home garden and for market. The creamy white roots grow 10 to 12 inches long and have smooth, tender, sweet flesh. Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 45c; lb. \$1.25.

Piment, FR.
Peperone, ITAL.

Pepper

Pimiento, SP.
Pfeffer, GER.

One ounce of seed will produce about 1000 plants

Culture—Sow seed in flats under glass in March; transplant seedlings when 2 to 3 inches high into other flats, 4 inches apart each way or into individual pots, either clay or paper, to encourage good root systems. When the weather has become thoroughly settled and danger from belated freezes is over (about corn planting time), transplant to open ground in warm, very rich, and well-prepared soil, placing rows 3 feet apart, with plants 2 feet apart in the rows. The large, sweet sorts have become very popular and are always in demand.

Health Value of Fresh Green Peppers

Calories per lb. 109	Proteins 1.1%	Calcium .006%
Vitamins A, B, C	Carbohydrates 4.6%	Iron .0004%
	Fats .1%	

Large Sweet Peppers

722 Chinese Giant. The very large fruits are deep green turning to bright scarlet. The thick flesh is remarkably sweet. The latest maturing Pepper, requiring a long season of growth, but widely grown for its heavy cropping qualities. Pkt. 15c; ½ oz. 40c; oz. 75c; ¼ lb. \$2.25.

726 Golden Dawn. A mild and sweet yellow. Pepper. Very attractive. Pkt. 10c; ½ oz. 40c; oz. 70c; ¼ lb. \$2.25.

709 Large Bell or Bull Nose. A very popular large early scarlet variety and a favorite pickling sort. The thick flesh has a remarkably mild flavor. Blunt-ended fruits, 3 inches long. Pkt. 10c; ½ oz. 25c; oz. 40c; ¼ lb. \$1.25.

730 Neapolitan. Brilliant red fruit growing upright; about 3½ to 4 inches long and 2 inches thick. Very early. Sweet flesh. Pkt. 10c; ½ oz. 30c; oz. 55c; ¼ lb. \$1.65.

732 Pimiento. The sweetest Pepper grown, with remarkably thick walls of crisp, tasty flesh. The plants are productive. The medium-size, heart-shaped peppers are particularly desirable for stuffing. Pkt. 10c; ½ oz. 30c; oz. 55c; ¼ lb. \$1.65.

738 Ruby Giant or Worldbeater. A very useful variety for the home garden. A cross between Ruby King and Chinese Giant. The fruits grow to a large size and are very mild. Pkt. 10c; ½ oz. 35c; oz. 60c; ¼ lb. \$1.75.

740 Ruby King. This popular sort now is a favorite in all sections. The fruits are about five inches long. Thick and mild flesh of a dark green while young, turning to ruby red when ripe. Extremely prolific. Pkt. 10c; ½ oz. 30c; oz. 50c; ¼ lb. \$1.75.

741 Squash or Tomato. Fruits about 2 to 3 inches in diameter, flat, and slightly ribbed. Thick sweet flesh of splendid flavor. Pkt. 10c; ½ oz. 30c; oz. 50c; ¼ lb. \$1.75.

Hot and Ornamental Peppers

715 Celestial. Compact plants, covered with small, conical, hot fruits ranging in color from purple to brilliant red. Pkt. 15c; ½ oz. 30c; oz. 50c; ¼ lb. \$1.75.

712 Long Red Cayenne. The long, slender pods are bright red and very pungent. Used extensively in sauces and pickles. Pkt. 10c; ½ oz. 30c; oz. 50c; ¼ lb. \$1.75.

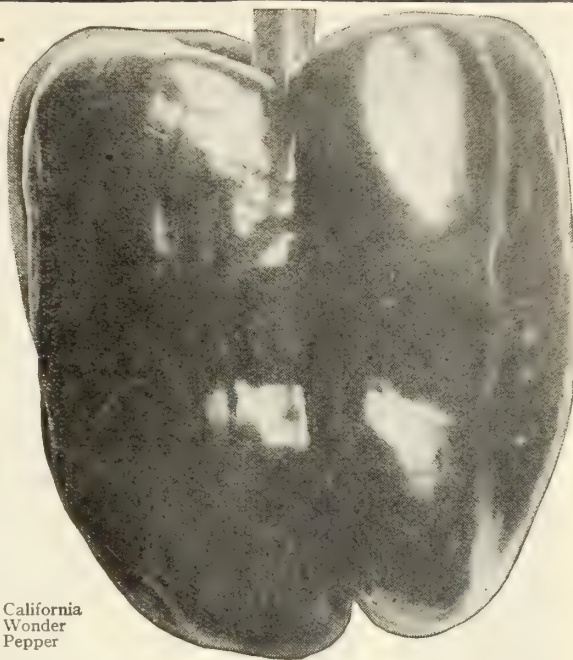
735 Red Cherry. A late variety with erect, scarlet, hot, small, round fruits. Pkt. 15c; ½ oz. 40c; oz. 75c; ¼ lb. \$2.50.

728 Red Japan Cluster. Very productive. Small, slender, upright, hot fruits of bright red color. Useful for pickles, etc. Pkt. 15c; ½ oz. 40c; oz. 75c; ¼ lb. \$2.25.

718 Small Chili. Red, conical, very hot fruits, about 2 inches long. In demand for pickles and sauce. Productive. Pkt. 15c; ½ oz. 40c; oz. 75c; ¼ lb. \$2.25.

744 Tabasco. Small and very hot. Used in vinegar or sauce. Pkt. 15c; ½ oz. 40c; oz. 75c; ¼ lb. \$2.25.

746 Mixed. A useful mixture of small-fruited, hot varieties. For sauces, pickles, or decorative uses. Pkt. 15c; ½ oz. 30c; oz. 50c; ¼ lb. \$1.75.



California
Wonder
Pepper

711 California Wonder. Deservedly popular in all parts of the country. The sturdy, upright plants bear 6, 7, or 8 smooth, blocky, crimson fruits of immense size. They measure about 4½ inches in length and 4 inches across. The outstanding feature of the fruits, however, is the remarkable thickness of their sweet walls. Fine for stuffing or salads. A late variety. Pkt. 15c; ½ oz. 40c; oz. 75c; ¼ lb. \$2.50.



Early
Giant
Pepper

723 Early Giant Pepper

Early Giant will mature in sections too cold to grow any of the other large Peppers. It produces an abundance of large fruits measuring 4 inches thick and from 4½ to 5 inches in length. They have very thick flesh of a delightful, mild flavor. The skin turns from a rich green to a beautiful bright red. Pkt. 15c; ½ oz. 50c; oz. 90c; ¼ lb. \$3.00.

Pois, FR.
Pisello, ITAL.

Garden Peas

Guisante, SP.
Erbsen, GER.

One pound will plant 100 feet of drill.

Culture—The first sowing of peas may be made as early in March as the gardener can prepare a piece of ground because subsequent frosts do not hurt the young plants of the extra-early smooth-seeded varieties. Sow in single or double rows, 24 to 26 inches apart, covering seeds about 2 inches deep. All varieties do better with some sort of support. Where brush is lacking, poles and twine may be utilized. By selecting varieties maturing in succession (and it is easy to pick them out from the following pages because they are listed in about the same order as they reach full size), a constant supply of delicious peas may be had from early in June until middle of August. Experience has proved that sowings made after middle of May are not so successful as the earlier ones because hot mid-summer heat is apt to reduce both vines and pods.

Health Value of Fresh Green Peas

Calories per lb. 454
Vitamins A, B, C, G
Proteins 7.0%
Carbohydrates 16.9%
Fats .5%
Calcium .028%
Iron .0057%



Early Eight Weeks Peas

628 Early Eight Weeks

For the private gardener who demands a really good, first early, dwarf pea, the Early Eight Weeks is most desirable. The vines are dwarf, growing only 12 to 15 inches in height. They are simply loaded with beautiful, well filled pods which are quite large in size for so early a variety. The peas are exceedingly tender and of a most delicious flavor. It is strictly a quality variety and of good appearance. Pkt. 10c; $\frac{1}{2}$ lb. 25c; lb. 35c; 2 lbs. 65c; 5 lbs. \$1.50, postpaid.

Smooth-Seeded Extra-Early Sorts

The hardiest sorts to be planted as soon as the soil can be put in condition.

618 Alaska. A very early, smooth, blue seeded Pea very popular with home gardeners and canners. The vines grow about 2 feet high and bear an abundance of light green pods measuring $2\frac{1}{2}$ inches in length and containing 6 light green peas each. Pkt. 10c; $\frac{1}{2}$ lb. 25c; lb. 35c; 2 lbs. 65c; 5 lbs. \$1.50, prepaid.

635 Dreer's Eureka, Extra-Early. One of the earliest and most prolific of all the extra-early Peas. It has given good results wherever grown. The vines reach a height of about 20 inches. They are very robust and bear an abundance of pods. The individual pods measure $2\frac{1}{2}$ inches in length and they are well filled with large, rich green peas of sweet and tasty flavor. Pkt. 10c; $\frac{1}{2}$ lb. 25c; lb. 35c; 2 lbs. 65c; 5 lbs. \$1.50, prepaid.

630 Dreer's Electric, Extra-Early. A highly productive variety with round, blue-green seeds. The vines reach a uniform height of about $2\frac{1}{2}$ feet. They are most productive, bearing medium sized pods of a rich dark green color. They are tightly filled with attractive medium green peas which are sweet, tender, and palatable. Pkt. 10c; $\frac{1}{2}$ lb. 25c; lb. 35c; 2 lbs. 65c; 5 lbs. \$1.50, prepaid.

678 Pilot, Improved. A large seeded extra-early and very prolific variety with smooth seeds. The vines grow 3 feet high and carry a profusion of pods $3\frac{1}{2}$ to 4 inches long. Pkt. 10c; $\frac{1}{2}$ lb. 25c; lb. 35c; 2 lbs. 65c; 5 lbs. \$1.50, prepaid.

Early Wrinkled-Seeded Peas

620 American Wonder. A standard variety with wrinkled seeds. It is an extra-early sort with vines growing a little more than a foot high. It is quite productive and well suited for the private garden as the flavor and quality are excellent. Due to its dwarf, compact growth it does not require brush or support. Pkt. 10c; $\frac{1}{2}$ lb. 25c; lb. 35c; 2 lbs. 65c; 5 lbs. \$1.50, prepaid.

646 Gradus or Prosperity. An early wrinkled pea of choice quality. It is very popular with market growers and home gardeners. The vines grow 3 feet high and bear a magnificent crop of attractive pods measuring $3\frac{1}{2}$ inches in length. Each pod contains from 6 to 8 large peas of medium green color. Pkt. 10c; $\frac{1}{2}$ lb. 25c; lb. 40c; 2 lbs. 75c; 5 lbs. \$1.75, prepaid.

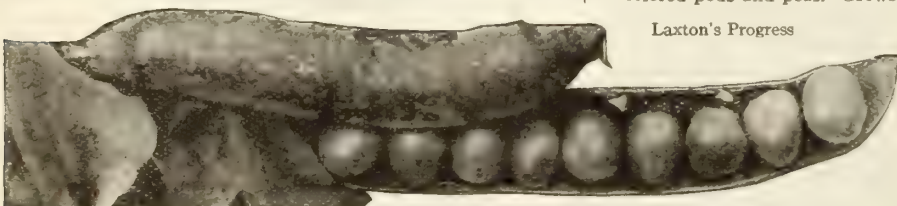
650 Laxton's Progress. This superb pea grows only 18 inches high but the bushes are exceedingly vigorous producing a great quantity of attractive pods measuring 4 inches in length. They are not only long but also broad and are tightly packed with 8 large, dark green peas of a delightfully sweet flavor. Laxton's Progress is ready for gathering a crop within 60 days from the time the seed is sown and it therefore has a particular appeal to market growers as well as home gardeners who are eager to secure a really choice, sweet, wrinkled-seeded pea as early in the season as possible. Pkt. 10c; $\frac{1}{2}$ lb. 25c; lb. 45c; 2 lbs. 80c; 5 lbs. \$1.85, prepaid.

654 Little Marvel. An extra-early dwarf pea growing 18 inches high. The pods are 3 inches long and contain 7 attractive peas of a rich dark green color. A productive variety of splendid appearance and choice quality. Pkt. 10c; $\frac{1}{2}$ lb. 25c; lb. 45c; 2 lbs. 75c; 5 lbs. \$1.75, prepaid.

699 Sutton's Excelsior. This splendid and productive Pea has vines growing 20 inches high. Carries an abundance of pods $3\frac{1}{2}$ inches long, each filled to capacity with 7 or 8 bright green peas of tasty, sweet flavor. Pkt. 10c; $\frac{1}{2}$ lb. 25c; lb. 35c; 2 lbs. 65c; 5 lbs. \$1.50, prepaid.

705 Thomas Laxton. This is a real rival to the popular Gradus maturing perhaps a few days earlier and having deeper colored pods and peas. Grows 3 feet high, is very hardy, and

Laxton's Progress



vigorous. The pods are $3\frac{1}{2}$ inches long and carry 7 large, rich green peas which are remarkably sweet and tasty. Popular with many gardeners. Pkt. 10c; $\frac{1}{2}$ lb. 25c; lb. 40c; 2 lbs. 75c; 5 lbs. \$1.75, prepaid.

Main-Crop Garden Peas

622 Carter's Daisy or Dwarf Telephone. A standard main-crop variety growing 2 feet high and carrying a good crop of pods 4 inches long. Each pod contains 7 or 8 luscious, dark green peas. Pkt. 10c; $\frac{1}{2}$ lb. 25c; lb. 40c; 2 lbs. 75c; 5 lbs. \$1.75, prepaid.

624 Champion of England. A popular, old-time, wrinkled main-crop pea about 5 feet high. The vines bear long, round pods mostly in pairs. The pods contain 7 or 8 delectable, sweet peas. Pkt. 10c; $\frac{1}{2}$ lb. 25c; lb. 35c; 2 lbs. 65c; 5 lbs. \$1.55, prepaid.

626 Dwarf Champion. Sturdy vines, 2 feet high, laden with straight pods $3\frac{1}{2}$ inches long. Each pod is tightly packed with 7 or 8 dark green peas of fine quality and rich sweet flavor. Pkt. 10c; $\frac{1}{2}$ lb. 25c; lb. 40c; 2 lbs. 65c; 5 lbs. \$1.55, prepaid.

682 Potlatch. A most productive, vigorous, large-podded variety with vines 30 inches high maturing a large crop of attractive, dark green pods in about 80 days after planting. The pods are borne in pairs. They are $4\frac{1}{2}$ inches long and are filled with 8 or 9 very large, medium green peas of choice quality. Pkt. 10c; $\frac{1}{2}$ lb. 25c; lb. 40c; 2 lbs. 75c; 5 lbs. \$1.75, prepaid.

700 Telephone. A standard main-crop variety that enjoys the greatest popularity on account of being productive and of fine quality. Grows $4\frac{1}{2}$ feet high and carries a great quantity of pods $4\frac{1}{2}$ inches long. The vines carry 18 to 20 large pods each containing 8 large, light green peas of good flavor. Pkt. 10c; $\frac{1}{2}$ lb. 25c; lb. 40c; 2 lbs. 75c; 5 lbs. \$1.75, prepaid.

Two Outstanding Main-Crop Garden Peas

702 The President

A really outstanding quality variety producing a heavy vine 20 to 22 inches high. A most productive variety with straight, dark green pods $4\frac{1}{2}$ to 4 inches in length. The pods always are tightly packed with rich green, sweet flavored peas. Matures in 68 to 70 days. Pkt. 10c; $\frac{1}{2}$ lb. 25c; lb. 40c; 2 lbs. 75c; 5 lbs. \$1.75, prepaid.

690 Prince Edward

This resembles the popular Telephone in height of vine, shape of pod, and time of maturity but the color of the pods is richer and it also is more productive. There are 6 to 8 large peas of luscious sweet flavor to a pod. Pkt. 10c; $\frac{1}{2}$ lb. 25c; lb. 40c; 2 lbs. 75c; 5 lbs. \$1.75, prepaid.

Edible-Podded Sugar Peas

These are favorites in Europe. They are cooked with the pods like String Beans. Their high sugar content gives them a delicious, sweet flavor and they always are a welcome change in the menu.

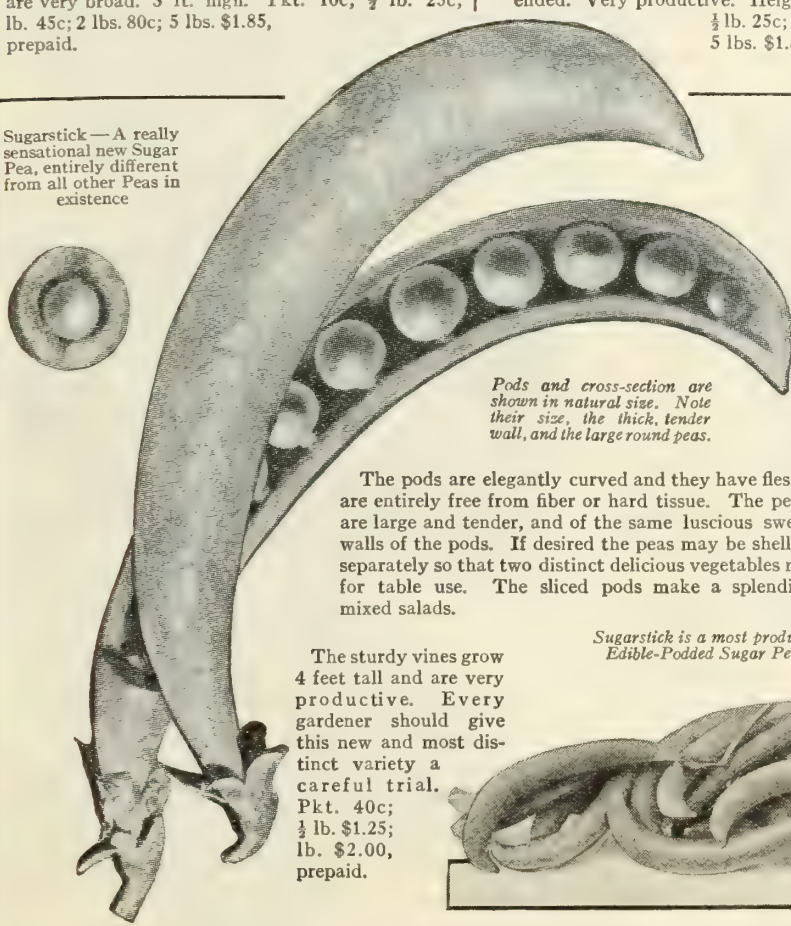
662 Melting Sugar. Very brittle, fiberless pods of sweet flavor. The pods grow 4 inches long and are very broad. 3 ft. high. Pkt. 10c; $\frac{1}{2}$ lb. 25c; lb. 45c; 2 lbs. 80c; 5 lbs. \$1.85, prepaid.

640 Giant Sugar. Light green, tender, sweet pods. The pods are about 3 inches long, square ended. Very productive. Height 4 feet. Pkt. 10c; $\frac{1}{2}$ lb. 25c; lb. 45c; 2 lbs. 80c; 5 lbs. \$1.85, prepaid.



Prince Edward Pea

Sugarstick—A really sensational new Sugar Pea, entirely different from all other Peas in existence

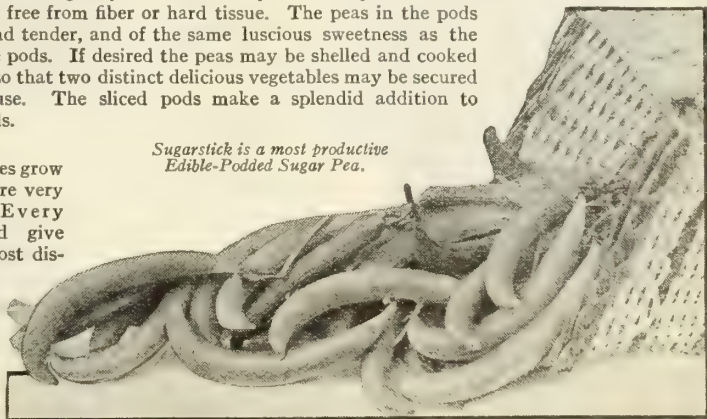


Pods and cross-section are shown in natural size. Note their size, the thick, tender wall, and the large round peas.

The pods are elegantly curved and they have fleshy walls which are entirely free from fiber or hard tissue. The peas in the pods are large and tender, and of the same luscious sweetness as the walls of the pods. If desired the peas may be shelled and cooked separately so that two distinct delicious vegetables may be secured for table use. The sliced pods make a splendid addition to mixed salads.

The sturdy vines grow 4 feet tall and are very productive. Every gardener should give this new and most distinct variety a careful trial. Pkt. 40c; $\frac{1}{2}$ lb. \$1.25; lb. \$2.00, prepaid.

Sugarstick is a most productive Edible-Podded Sugar Pea.



The Most Remarkable Sugar Pea Ever Introduced

696 Sugarstick

This is an entirely new type of Pea differing from the regular garden peas in that the tender, thick fleshed pod is as delectable and fiberless as the large, round peas within. Naturally using the entire tender pods cooked like String Beans produces a great increase of edible, luscious produce with the least amount of waste per plant.

Certified Seed Potatoes

Pomme de Terre, FR.
Patata, ITAL.
Patatas, SP.
Kartoffel, GER.

Health Value of Fresh Potatoes
Calories per lb. 385
Vitamins A, B, C
Proteins 2.2%
Carbohydrates 18.4%
Fats .1%
Iron .00091%

One peck will plant 100 hills; 8 to 10 bushels an acre.

NOTE—Potatoes are ready for shipment about March 1st and are forwarded by *Express or Freight* as may be directed, at customer's expense. They are shipped at purchaser's risk, our responsibility ceasing after delivery to transportation company in good order. We decline shipping them C. O. D.

Early Rose. A fine early Potato. Long and of good size with pink skin. It cooks pure white and mealy, and is of good flavor.

Green Mountain. A late variety which is suitable for planting in various soils, producing fair crops even in soils which are not of high fertility. Of attractive appearance and keeps well.

State of Maine. A very reliable standard variety with tubers of large size, round, and flattened. Medium-early, splendid flavor, cooks dry, is a good keeper, and very productive.

Irish Cobbler. One of the first extra-early Potatoes. The skin is creamy white, sometimes netted, which is an indication of good quality. Round smooth tubers with strong and well developed eyes. A heavy cropper in all sections.

Russet Rural. A well-known standard late variety. Exceptionally heavy cropper with large, solid tubers which cook dry and mealy. It also is quite disease resistant.

At the time of going to press with the Dreer Garden Book, Potato prices were too unsettled to quote. Please write stating kind and quantity wanted, and we shall quote by letter.

Rhubarb

One ounce of seed to 125 feet of drill.

Culture—Good plants are easily grown in any good soil. Sow seed thinly in shallow drills 1 foot apart, thin to 4 or 5 inches.



Victoria Rhubarb

Rhubarbe, FR.
Rubarbaro, ITAL.
Ruibarbo, SP.
Rhabarber, GER.

Pick out the strongest and best plants, and in the following fall or spring transplant to the permanent bed, 4 feet apart each way, in deep, warm, rich soil. The more manure the better the stalks.

Health Value of Fresh Rhubarb
Calories per lb. 105
Vitamin C
Proteins .6%
Carbohydrates 6.6%
Fats .7%
Calcium .044%
Iron .00056%

For Rhubarb Roots,
 see page 184.

830 Linnaeus. A good early Rhubarb of very large size and a strong grower. Stalks mostly deep green, round, and of good quality. Pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. 75c.

832 Victoria. A splendid early sort. The thick red stalks are very large. They cook very tender and are most delicious. Pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. 75c.

Pumpkin

One ounce for 25 hills.

Culture—Sow in good soil in May when the ground has become warm, in hills 10 feet apart each way, or in fields of corn about every fourth hill; plant at the same time as the corn. Pumpkin varieties if planted together will mix. There is not much danger of their mixing with Squashes or other vines.

Potiron, FR.
Zucca, ITAL.
Calabaza, SP.
Grosser-Kuerbis, GER.

Health Value of Fresh Pumpkin
Calories per lb. 117
Vitamins A, B, C
Proteins 1.0%
Carbohydrates 5.2%
Fats .1%
Calcium .023%
Iron .00093%

750 Large Cheese or Kentucky Field. A very hardy, late, large, round-flattened variety with pale yellow skin. Very thick, sweet, yellow flesh of excellent quality. An excellent canner. Pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 40c; lb. \$1.00.

752 Large Yellow Field or Big Tom. The well-known cornfield Pumpkin, mostly grown for feeding stock. Rather oblong fruits with flattened ends. Smooth, tough, dark orange rind and dry, sweet flesh. Often used for canning. Pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 40c; lb. \$1.00.

756 Large Yellow Mammoth Potiron (King of the Mammoths, Jumbo). Largely grown for fairs and exhibitions. Specimens have been grown weighing over 100 pounds. Rich salmon-orange skin and light yellow, sweet, but somewhat coarse flesh. Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 60c; lb. \$2.00.

754 Mammoth Golden Cashaw. A very prolific Crook-neck type of a golden orange color. Thick, solid flesh of good quality. Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 50c; lb. \$1.50.

760 Sugar or New England Pie. For pies this cannot be excelled. Small round fruits with deep yellow, plainly ribbed skin. Fine grained, sweet flesh of a deep orange-yellow color. Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 50c; lb. \$1.50.

764 Winter Luxury. A very good keeper and a splendid pie Pumpkin. Round fruits with finely netted, russet-yellow skin like a Muskmelon. Thick, deep yellow flesh of excellent quality. Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 50c; lb. \$1.50.



Philadelphia Bush

758 Philadelphia Bush Pumpkin

A Quality Pumpkin of True Bush Habit

This new introduction should be of the greatest interest to all those who have vegetable gardens of limited size. Being of bush form it is well suited for the smaller garden where it requires not more room than a good sized Tomato plant. Dark green fruits turning deep orange-yellow when fully mature. Beautiful deep yellow flesh of sweet dry flavor. Excellent for pies. Pkt. 15c; oz. 65c; $\frac{1}{4}$ lb. \$2.00.

Health Value of Fresh Spinach

Calories per lb. 109
 Vitamins A, B, C, G
 Proteins 2.1%
 Carbohydrates 3.2%
 Fats .3%
 Calcium .018%
 Iron .00255%

Espinard, FR.
Spinnacio, ITAL.

Spinach

Espinaca, SP.
Spinat, GER.

CULTURE—For spring and summer use sow in drills 1 foot apart and 1 inch deep as early as the ground can be worked and every two weeks up to May 15th, for a succession. For winter and early spring use, sow in September in well-manured ground. Cover with straw on the approach of severe cold weather. The ground cannot be too rich. No Spinach, with the exception of New Zealand will "stand" August heat without "shooting" seed stalks. Water liberally with fine spray or sprinkler after sowing seed. **One ounce for 100 feet of drill.**

849 Bloomsdale Long-Standing Savoy

An early, hardy Spinach of attractive appearance. The dark glossy green leaves are heavily crumpled and savoyed. It combines all the good qualities of the best Savoy strain with remarkable long-standing properties. Will remain in perfect condition 2 weeks longer than other Savoy strains. Very uniform and always entirely dependable. Pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 25c; lb. 60c.



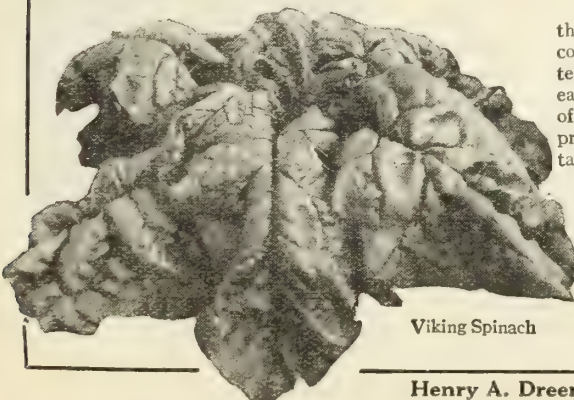
Dreer's Improved Long-Standing

845 Dreer's Improved Long-Standing. Most varieties of Spinach have the bad habit of shooting to seed before half of the crop can be used, but the outstanding feature of this splendid variety is, as its name implies, its remarkable long-standing qualities. The plants form compact thick tufts composed of numerous, rich dark green leaves which are broad, pointed, and much crumpled. Pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 25c; lb. 60c.

842 King of Denmark. An ideal variety for spring sowing as the plants are very slow to run to seed. Vigorous plants producing an immense growth of large, dark green, crumpled leaves. Pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 25c; lb. 60c.

857 Viking—An Excellent New Spinach

An outstanding accomplishment in that it combines the long-standing qualities of King of Denmark with the heavy yield of Thick-Leaved or Viroflay. The plants are very large and attractive with the color of the leaves a beautiful rich dark green.



Viking Spinach

Viking, though thick-leaved, will cook exceptionally tender and it is easily washed clean of sand or soil in preparation for the table. It is a most desirable and profitable sort for the home garden. Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 50c; lb. \$1.50.

844 Long Season. This makes an attractive, large, flat rosette composed of very dark green, broad, and pointed leaves which are very much crumpled and savoyed. For an extended supply of this choice variety continue your early spring sowing by monthly succession plantings to yield a great quantity of this delicious green throughout the summer. Pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 25c; lb. 60c.

851 Savoy, Dreer's Reselected. Our special strain of this Spinach is noted for its aptitude to remain in perfect condition for an extremely long time before going to seed. It has large, broad, glossy green leaves which are heavily crimped and curled. Pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 25c; lb. 50c.

855 Savoy, Virginia Blight Resistant (Old Dominion). A new strain of Savoy showing a marked resistance to blight. Best suited for late summer and fall sowing. Pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 25c; lb. 60c.

853 Thick-Leaf or Viroflay. Produces large smooth leaves, which measure up to 10 inches in length and 8 inches wide. The plants are 24 to 30 inches across if grown on rich, well manured soil. A favorite canning sort as its smooth leaves are easily washed free from sand and grit. Pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 25c; lb. 60c.



New Zealand Spinach

847 New Zealand (*Tetragonia expansa*). Not related to the regular Spinaches but should be more widely grown as it grows vigorously all summer long and produces a continuous supply of small leaves of choicest Spinach flavor. Forms large, spreading plants, five to eight feet across, from seeds sown during April. Soak seed in warm water for a few hours before sowing to hasten germination. Pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 35c; lb. \$1.00.

Health Value of Fresh Radishes
 Calories per lb. 133 Vitamins A, B, C
 Proteins 1.3% Carbohydrates 5.8%
 Fats .1% Calcium .021%
 Iron .00083%

Radis, Rave, FR.
Ravanello, ITAL.

Radish

Rabanito, SP.
Radies, GER.

One ounce of seed will sow 100 feet of drill.

CULTURE—One of the earliest delicacies to reach our table in the spring and one that may be enjoyed all season long by a judicious selection of varieties suitable for different seasons. In soil rich in humus, the little early round and olive-shaped sorts will be ready for use in from 3 to 4 weeks. Earliest sowings may be made as soon as frost is out of the ground. After May 1st, continue by sowing White Icicle. After June 1st, select any of the summer varieties, and around July 1st, sow the late but also large Winter Radishes for a fall and winter supply. All radishes, to do their best, should be thinned out to stand 2 to 6 inches apart in the row, the largest distance given applying to the large growing winter varieties.

The Earliest Round Red Radishes



Cardinal Globe Radish

770 Cardinal Globe

Few other radishes exhibit such remarkable uniformity in shape, size, and quality. Produces perfectly round globes within 30 days after sowing. The radishes when overgrown show a tendency to become elongated or olive-shaped, yet they remain in good condition for about a week or 10 days longer than the average round red variety. Brilliant cardinal red skin and pure white flesh of delicate crispness and delightful flavor. Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 50c; lb. \$1.50.

776 Crimson Ball. A dainty little Radish of mild flavor. Bright red skin, flesh tinged with red. It forms the root very rapidly and is ready for use within 25 days after sowing. Pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 45c; lb. \$1.25.

779 Crimson Giant. Suitable both for forcing or early planting out of doors. The shape is round to oval, and very attractive. The flesh is mild and tender. Grows to larger size than any others in this class, yet retains its crispness and solidity for a remarkably long time. One of the most dependable red Radishes for both amateur and professional growers. Pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 45c; lb. \$1.25.

804 Earliest Red May. One of the prettiest radishes of a clear scarlet. Makes a remarkably quick growth and is ready for the table within 3 weeks after sowing seeds. Of a desirable size and uniform shape, with small tops and of excellent flavor. Pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 45c; lb. \$1.25.

784 Glowing Ball

We recommend this new Radish most highly to our customers as we are sure that it will please them whether grown outdoors in the garden, or forced under glass. The attractive, perfectly round radishes have a very small top and a remarkably small tap root. The outstanding feature of this radish, however, is its unusually brilliant orange-scarlet color and the enticing, crisp, snappy flavor of its icy white, tasty flesh. It is a delight to the eye and to the palate. Pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. 70c; lb. \$2.00.

795 New Perfection. An improvement over the well-known Sparkler and White-Tip Scarlet Radishes. Grows a round solid root quickly and is good for under glass or in the open. A bright scarlet with lower half pure white, making it very attractive. Pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 45c; lb. \$1.25.



798 New Ruby. This variety does not attain a large size but is very attractive and quickly forms a root to a condition suitable for eating. The shape is nearly round. Deep red skin and crisp white flesh of an agreeably snappy yet mild flavor. The tops are not large and it is a good variety for forcing. Pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 45c; lb. \$1.25.

825 White-Tipped Scarlet Gem. Short leaves and therefore excellent for forcing. Bright scarlet with white tip. It is a very handsome variety and an exceedingly rapid grower. Also offered as "Rosy Gem." Pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 45c; lb. \$1.25.

The Earliest Round White Sorts

780 Dreer's Crystal Forcing. Of remarkably quick growth, insuring crisp, solid, perfectly round, pure white roots with small top. Makes a pleasing contrast when served with a red variety. Pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 45c; lb. \$1.25.

816 Earliest White May. A crisp turnip-shaped variety of medium size and with a very small top. Extremely early and very desirable for both under glass and outdoor culture. Pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 45c; lb. \$1.25.

800 Philadelphia White Box. An old favorite in the Philadelphia region. A good turnip-shaped white variety retaining its fine eating qualities very long for an early variety. Pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 45c; lb. \$1.25.

Early Oval and Long Radishes

783 French Breakfast. This old reliable sort is as popular today as it ever has been. It is ready for use within 25 days after sowing. The oblong, agreeably pungent roots have a bright pink skin with the lower portion shading into pure white. It does well outside or under glass. Always producing uniform handsome roots with crisp white and juicy flesh. Pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 45c; lb. \$1.25.

773 Cincinnati Market. This we believe is the finest long spring Radish producing roots which are larger than the old Long Scarlet besides having a smaller top. They measure 6 to 7 inches long and have a clear bright red skin. The beautiful crisp white flesh retains its luscious eating qualities even when the roots are fully grown. Ready in 30 to 35 days. Pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 45c; lb. \$1.25.



French Breakfast

Summer Radishes

This class requires longer to perfect the product but the roots have firmer flesh and remain in fit table condition very much longer than any of the early sorts offered.

768 Beckert's Chartier. An exceedingly handsome deep scarlet sort, 7 or 8 inches long, shading to a clear white at the tip. Has beautiful icy white flesh of a crisp texture. Pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 45c; lb. \$1.25.

814 Dreer's White Delicacy. Produces a large and handsome root, 5 to 6 inches long, thick at top and gradually tapering to a point. Pure white flesh of fine flavor and crisp texture. Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 50c; lb. \$1.50.

785 Icicle. Makes Radishes from four to five inches long and half to three-quarter inch thick. Matures earlier than any other long white Radish. Pure white, almost transparent, and very tender. Pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 45c; lb. \$1.25.

790 Long White Vienna or Lady Finger. Skin and flesh are pure white. Slightly longer than Icicle, growing from 6 to 7 inches long, with part of the root produced above ground. Crisp and of rapid growth. Pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 45c; lb. \$1.25.

822 White Strasburg. Grows about 5 inches long and measures 2 to 3 inches in diameter at the shoulder. Remains firm and brittle longer than most other varieties. Pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 45c; lb. \$1.25.

824 White Stuttgart. An immense top-shaped Radish of a clear white color. Fine for summer and fall use. Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 50c; lb. \$1.50.

Winter Radishes

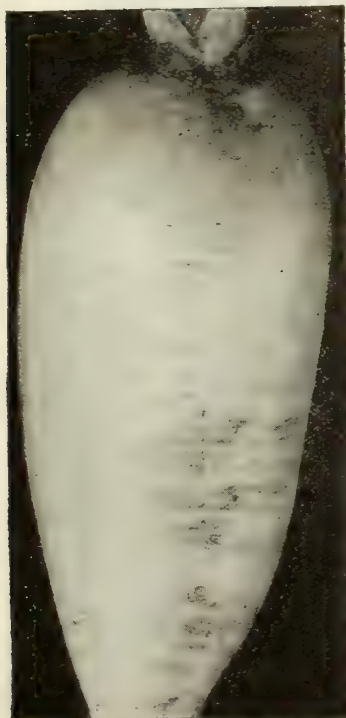
Generally sown around July 1, the same as Turnips. The Chinese type develops most rapidly, while the Spanish sorts require about 3 months to reach full size, but they keep well.

787 Long Black Spanish. Eight or 9 inches long and 2 $\frac{1}{2}$ or 3 inches thick at the top. Black skin and solid white flesh. Late and very hardy. Pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 45c; lb. \$1.25.

807 Round Black Spanish. Good specimens are almost round and measure 3 to 4 inches through. Black skin. White, solid, pungent flesh of crisp texture. Pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 45c; lb. \$1.25.

810 Scarlet China. Also known as Rose China Winter. The oblong roots grow 4 to 5 inches long and two inches thick at lower end. They are a bright rose color. Crisp, white, pungent flesh. A splendid winter variety. Pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 45c; lb. \$1.25.

812 White Chinese or Celestial. When fully developed the cylindrical roots are 6 to 7 inches long and 2 inches thick. Solid, crisp flesh of delightfully mild flavor. Pure white skin and flesh. Pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 45c; lb. \$1.25.



White Chinese Winter Radish

Salsify or Vegetable Oyster

Salsifis, FR. *Salsifí*, SP.
Barba di becco, ITAL. *Haferwurzel*, GER.

One ounce for 50 feet of drill.

Culture—Succeeds best in light, well-enriched, mellow soil. Sow early in the spring in drills 15 inches apart, 1 inch deep, and water liberally with a fine spray or sprinkler. Thin to 4 inches in rows. Used the same as Carrots, or after they have been boiled make into cakes and fry like oysters which they resemble in flavor. Cultivate the same as Carrots or Parsnips. Hardy and can remain in the ground all winter for early spring use, but the white variety should be taken up before it starts new growth.



Mammoth Sandwich Island Salsify

837 Mammoth Sandwich Island.

Grows a large tapering root, 7 to 8 inches long, with almost white, smooth skin, resembling a good-sized Parsnip. It is very mild and delicately flavored, hence very popular. The young leaves may be used as salad. Pkt. 10c; $\frac{1}{2}$ oz. 20c; oz. 30c; $\frac{1}{4}$ lb. 85c; lb. \$3.00.

834 Long Black or Scorzonera.

Though not a true Salsify this is grown and used in exactly the same way. Has a long, fleshy taproot with a black skin. The leaves are broad and the flesh is creamy white. The roots may be left in the ground till needed for the table, increasing in size without losing their fine flavor. Pkt. 10c; $\frac{1}{2}$ oz. 20c; oz. 35c; $\frac{1}{4}$ lb. \$1.00; lb. \$3.50.

Tomate, FR.
Pomo d'oro, ITAL.

Tomato

Tomate, SP.
Liebesapfel, GER.

Health Value of Fresh Tomatoes

Calories per lb. 104
Vitamins A, B, C, G
Proteins .9%
Carbohydrates 3.9%
Fats .4%
Calcium .011%
Iron .00044%

CULTURE—For the first crop sow seeds of the earliest sorts under glass or in the house about the middle of February, giving the young seedlings plenty of light for rapid development. When they are 3 to 4 inches high transplant them into flats or a spent hotbed to stand 4 inches apart each way. Give plenty of air on sunny days to harden them properly. Such plants should start bearing middle of June and continue for the best part of 2 months. For the main crop, sow seeds of the second-early and main crop varieties in a hotbed or warm cold-frame by April 1st. Around Decoration Day prepare spaces 3 feet apart each way, digging the hole a foot deep and of equal diameter and filling this with well rotted stable manure or humus. Set the plants into these spaces and to prevent loss from cut worms surround the young plants with a collar of cardboard. Where the young plants are grown in paper pots, set them into the ground, pots and all, just tearing out the bottom. **One ounce of seed will produce about 2500 plants.**

The Earliest Sorts

887 Alpha. Alpha fruits come very deep and smooth. The plants are distinct. They have heavy wide foliage and bear in abundance bright red fruits which are solid and meaty. Pkt. 10c; ½ oz. 40c; oz. 70c; ¼ lb. \$2.00.

888 Avon Early. An exceedingly early variety maturing a few days before Earliana. Large, round, very solid, deep scarlet fruits. Pkt. 10c; ½ oz. 40c; oz. 70c; ¼ lb. \$2.00.

894 Bonny Best. An early variety, popular all over the country. The fruits are almost round, scarlet, and are produced in abundance. This is also a good forcing Tomato. Pkt. 10c; ½ oz. 25c; oz. 40c; ¼ lb. \$1.25.



Break O'Day Tomato

896 Break O'Day. A recent introduction from the U. S. Dept. of Agriculture and aptly called "The Early Marglobe" as it picks about 10 or 12 days ahead of that variety. The fruits are similar, being round, smooth, solid, and of a fine scarlet color. Highly resistant to the usual Tomato diseases. Pkt. 15c; ½ oz. 35c; oz. 60c; ¼ lb. \$2.00.

938 Earliana, Spark's. A standard extra-early variety producing a good yield. Bright red, solid fruits of fine flavor. Pkt. 10c; ½ oz. 25c; oz. 45c; ¼ lb. \$1.25.

917 John Baer. A splendid early tomato producing large, well-shaped, red fruits of fine flavor. Better than the old Chalk's Jewel. Pkt. 10c; ½ oz. 25c; oz. 45c; ¼ lb. \$1.25.

919 June Pink. May be called a pink "Earliana." Identical in all but color, this being a purplish pink. Of mild flavor. Pkt. 10c; ½ oz. 30c; oz. 50c; ¼ lb. \$1.50.



Pritchard Tomato

940 Pritchard or Scarlet Topper

Among the new vegetables of recent introduction Pritchard stands out as one of the finest. It is the work of the late Dr. F. J. Pritchard of the U. S. Department of Agriculture. A fine early tomato with large, smooth, globular fruits ripening to a clear scarlet right up to the stem end. The flesh is deep red with few seeds and no core. Like all early tomatoes it amply repays liberal fertilizing to secure the largest yields. Pkt. 20c; ½ oz. 40c; oz. 70c; ¼ lb. \$2.00.



936 Red River. A choice variety of extremely early maturity. The fruits are of medium size, good depth, a bright scarlet color, and the flesh is quite solid. The fruits are not only most attractive but also of choice quality. Pkt. 15c; ½ oz. 50c; oz. 90c; ¼ lb. \$2.75.

Pot-grown tomato plants are offered on page 184

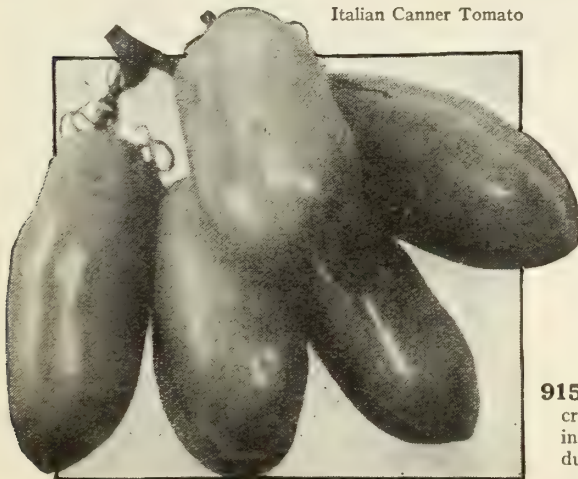
Second Early and Main Crop Tomatoes

- 891 Beauty.** A very productive sort with large smooth fruits of a bright purplish pink color. Solid, deep crimson flesh of excellent quality. Pkt. 10c; $\frac{1}{2}$ oz. 25c; oz. 40c; $\frac{1}{4}$ lb. \$1.25.
- 897 Crimson Cushion or Beefsteak.** The largest of the bright red tomatoes, very solid and smooth. Similar to Ponderosa, except in color which is rich crimson. Pkt. 10c; $\frac{1}{2}$ oz. 30c; oz. 50c; $\frac{1}{4}$ lb. \$1.50.
- 904 Dwarf Champion.** Very strong, dwarf plants, bearing smooth, solid, purplish pink fruits of medium size. Quite early. Pkt. 10c; $\frac{1}{2}$ oz. 35c; oz. 60c; $\frac{1}{4}$ lb. \$1.75.
- 906 Dwarf Stone.** Round, very solid, deep scarlet fruits of excellent flavor. A popular dwarf variety. Pkt. 10c; $\frac{1}{2}$ oz. 35c; oz. 60c; $\frac{1}{4}$ lb. \$1.75.
- 947 Dreer's Superb Salad.** Distinctly a salad Tomato, just the right size for serving in halves or quartered with Lettuce or for putting up whole in jars. Very smooth, rich scarlet fruits. Pkt. 10c; $\frac{1}{2}$ oz. 25c; oz. 45c; $\frac{1}{4}$ lb. \$1.25.
- 902 Early Detroit.** An early sort of large size. Nearly round fruits with purplish pink skin. It is larger and earlier than Beauty. Pkt. 10c; $\frac{1}{2}$ oz. 25c; oz. 45c; $\frac{1}{4}$ lb. \$1.25.
- 910 Globe, Dreer's Select Strain.** The fruits are perfect in shape. They average 6 ounces each and are borne in clusters of 4 to 6. It is among the most solid of all tomatoes. The skin is an attractive pink or purple and the deep red flesh has a delightful flavor. Our strain is extra choice. Pkt. 20c; $\frac{1}{2}$ oz. 60c; oz. \$1.00; $\frac{1}{4}$ lb. \$3.50.
- 912 Golden Ponderosa.** Very large fruits of splendid quality. Solid, rich golden yellow flesh of very mild flavor. Most attractive when sliced and served with a red variety. Pkt. 15c; $\frac{1}{2}$ oz. 40c; oz. 75c; $\frac{1}{4}$ lb. \$2.00.
- 913 Golden Queen.** A medium sized, solid, yellow tomato, ripening slightly earlier than Golden Ponderosa. Extremely mild and non-acid. Pkt. 15c; $\frac{1}{2}$ oz. 30c; oz. 50c; $\frac{1}{4}$ lb. \$1.75.
- 923 Marglobe.** This fine second-early produces large, smooth, meaty, globular, red fruits which ripen evenly and are free from cracks. An extremely heavy cropper, particularly valuable in districts troubled with rust and wilt as in many of the Southern States, because it is decidedly wilt resistant. Pkt. 15c; $\frac{1}{2}$ oz. 40c; oz. 70c; $\frac{1}{4}$ lb. \$2.00. *Strong pot-grown plants offered on page 184.*

926 Marhio

A beautiful and choice new, dark rosy pink selection from the well known Marglobe embodying its wilt-resistant qualities. Equally suited for growing outside or under glass. It has been enthusiastically approved by many commercial growers in the United States, Canada, Europe, and Australia. The round fruits have a beautiful thin pink skin and deep pink flesh. They are not only most attractive but the solid flesh is very tasty. It has proved an enormous cropper under various conditions. Pkt. 20c; $\frac{1}{2}$ oz. 45c; oz. 85c; $\frac{1}{4}$ lb. \$3.00.

Italian Canner Tomato



- 924 Matchless.** One of the most dependable scarlet main-crop sorts. Very large, solid, and meaty fruits of excellent flavor. One of the best for canning and for home use. Pkt. 10c; $\frac{1}{2}$ oz. 25c; oz. 45c; $\frac{1}{4}$ lb. \$1.25.



Oxheart Tomato

927 Oxheart

This recent introduction is most distinct, producing very large, heart-shaped fruits mostly of a pink color. The flesh is particularly solid and there are few seeds. The flavor is mild and very pleasing as the fruits contain very little acid. The great difference between the parent plants of this hybrid is responsible for a few "off type" fruits found in it. Pkt. 20c; $\frac{1}{2}$ oz. 45c; oz. 85c; $\frac{1}{4}$ lb. \$3.00.

- 930 Ponderosa.** The largest tomato grown, and always a popular and profitable sort for the home garden. Large purplish pink fruits of extraordinary solidity and fine flavor. Pkt. 15c; $\frac{1}{2}$ oz. 40c; oz. 75c; $\frac{1}{4}$ lb. \$2.00.

Strong pot-grown plants offered on page 184.

- 942 Selected Stone.** Probably the most widely grown Tomato in the country. Very dependable and will produce a large crop of deep red, solid fruits. A splendid canner. Pkt. 10c; $\frac{1}{2}$ oz. 25c; oz. 40c; $\frac{1}{4}$ lb. \$1.00.

Strong pot-grown plants offered on page 184

Forcing Tomatoes

- 900 Comet.** Medium size, rich scarlet fruits of good quality. Very productive. Pkt. 15c; $\frac{1}{2}$ oz. 30c; oz. 50c; $\frac{1}{4}$ lb. \$1.50.
- 921 Lorillard.** Bright red, smooth fruits which develop very quickly. Pkt. 15c; $\frac{1}{2}$ oz. 30c; oz. 50c; $\frac{1}{4}$ lb. \$1.50.

Preserving Tomatoes

The list below includes all of the popular miniature fruited sorts. They are all enormous croppers and without exception make delicious and attractive preserves.

	Pkt.	$\frac{1}{2}$ oz.	Oz.
944 Strawberry or Ground Cherry	\$0 15	\$0 40	\$0 70
931 Red Cherry	15	40	70
932 Red Currant	15	45	80
933 Red Peach	15	40	70
934 Red Pear	15	40	70
935 Red Plum	15	40	70
953 Yellow Cherry	15	40	70
955 Yellow Pear	15	40	70
956 Yellow Plum	15	40	70
958 All Varieties, Mixed	15	40	70

- 915 Italian Canner.** A very distinct variety bearing an enormous crop of medium-sized bright red fruits of a distinct oblong shape. The interior of the fruits is solid and pulpy. Due to being enormously productive it is a great favorite for canning. Pkt. 25c; $\frac{1}{2}$ oz. 60c; oz. \$1.00.

*Courge, FR.
Zucca, ITAL.*

Squash

*Calabaza, SP.
Kuerbis, GER.*

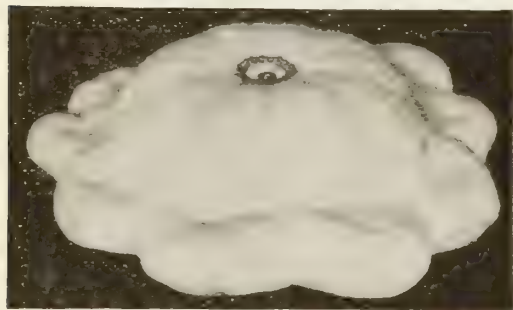
One ounce of seed for 25 hills.

Culture—It has only been recently that scientists have discovered the presence of remarkable quantities of vitamins in summer squash and doctors now prescribe an abundance of squash for children. Sow at Corn planting time, in well-manured hills, the bush varieties 4 feet apart each way, the winter sorts 10 to 12 feet each way, and thin out to 2 to 4 plants to the hill. To repel the Squash vine borer, throw a handful of tobacco dust close around the plants. The large, strong-smelling black Squash bug can be kept in check by hand picking. For yellow-striped beetle and blight, spray early and repeatedly with Bordeaux Arsenate of Lead Mixture.

Early Bush or Summer Squash

These early varieties are ready for table use while their skin is still tender and soft. They are splendid for summer and fall use but are not suited for winter storing. Depending upon variety and climate they are usable in 65 to 80 days after sowing, giving a wholesome and nutritious dish.

- 862 Coccozelle Bush.** A handsome, oblong, dark green Italian variety liberally speckled with lighter green. The plants make a bushy compact growth and bear fruits measuring 16 to 18 inches long by 5 inches across, and weighing 2 to 3 pounds each. Of a very distinct and rich aromatic flavor. Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 60c; lb. \$2.00.



Extra Early Jersey White Bush Squash

- 873 Extra-Early Jersey White Bush (Patty Pan).** A very popular early Summer Squash with flat, scalloped fruits of a creamy white color. May be used while quite small or fully grown. Of most delicious flavor. Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 45c; lb. \$1.50.
- 867 Giant Summer Crookneck.** This grows to large size. The fruits are of typical crookneck shape and heavily warted. Deep orange-yellow skin and salmon-orange flesh of a rich and pleasing flavor. Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 50c; lb. \$1.75.
- 868 Giant Summer Straightneck.** This is a selection of the Crookneck variety and of equally good quality. The straight neck permits easier packing when shipped. Pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. 60c; lb. \$2.00.
- 869 Golden Custard Bush.** A very large, flat, scalloped type of a rich orange-yellow color. Measures 10 inches across. Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 60c; lb. \$2.00.
- 877 Mammoth White Bush.** Equally as large as the preceding but of a clear waxy white color. Very productive. Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 45c; lb. \$1.50.

*Ôseille, FR.
Acetosa, ITAL.*

Sorrel *Acedera, SP. Sauerrampfer, GER.*

Culture—Used for soups and mixed salads on account of its pleasant acid flavor. Also makes delicious boiled greens. Sow seed in any good garden soil, in shallow drills a foot apart. Thin plants to 6 or 7 inches apart and remove seed stalks as soon as they appear. When ready to gather, select only the largest leaves, thus insuring a continuous supply. One planting will last for 3 or 4 years. **One ounce for 200 feet of drill.**

- 839 Large-Leaved Garden.** The largest leaved and best variety. Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 60c; lb. \$2.00.

Health Value of Fresh Squash

Calories per lb. 209
Vitamin A
Proteins 1.4%
Carbohydrates 9.0%
Fats .5%
Calcium .018%
Iron .00035%

The Vining Winter Squash

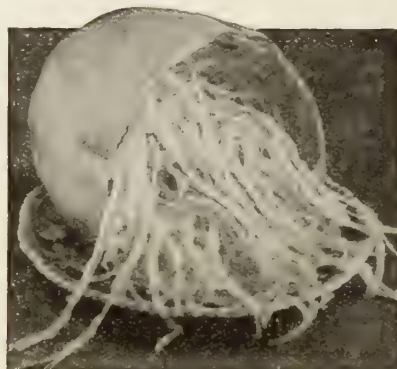
- 858 Boston Marrow.** Also known as Basket Pumpkin. A good keeper with delicious deep orange flesh of sweet flavor. Pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 50c; lb. \$1.50.
- 864 Delicious.** Medium-sized top-shaped fruits with dark green skin and light green markings. Attractive, dry, bright orange, fine grained flesh. Weighs from 5 to 10 lbs. each. Pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. 60c; lb. \$2.00.
- 870 Hubbard, Blue.** A quality Hubbard with gray-blue skin and choice dry, bright orange flesh. Developed in New England. Pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. 70c; lb. \$2.00.
- 871 Hubbard, Golden.** Earlier than the green Hubbards with deep orange-red skin and bright orange-red flesh. Very sweet. Pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. 60c; lb. \$2.00.
- 872 Hubbard, Improved.** The standard winter sort with bronze-green skin and choice, dry, thick yellow flesh. Highest quality. Pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. 60c; lb. \$2.00.
- 878 Hubbard, Warted.** Has heavily warted dark green skin and beautiful mellow, deep orange-yellow flesh. Of sweet flavor. Pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. 60c; lb. \$2.00.
- 860 Mammoth Chili.** Oblong, orange-yellow fruits of immense size. Pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. 60c; lb. \$2.00.
- 879 Table Queen.** Acorn-shaped fruits with a thin, distinctly ribbed, dark green shell. Light yellow flesh. Splendid for baking. Early. Pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. 60c; lb. \$2.00.

Vegetable Marrows

- 875 Long Cream Trailing.** A fine oblong vegetable marrow with creamy yellow skin and light yellow flesh. Of choice quality. Pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. 60c.
- 876 Long Green Trailing.** This resembles the above in size and shape but the skin is rich green. Creamy yellow flesh. Pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. 60c.
- 874 Long White Bush.** A bush marrow with light cream fruits measuring 12 inches long and 4 inches across. Pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. 60c.

880 Vegetable Spaghetti

A most unusual vining squash with creamy white fruits about 8 inches long and 4 to 5 inches in diameter. When mature boil whole for about 30 minutes, not longer. Cut open, remove the center seed core and season the flesh that appears as tightly wound spaghetti-like threads or strings with salt and butter. Of a most delicious, mild, and pleasing flavor. Easily stored for winter use. Pkt. 15c; oz. 30c; $\frac{1}{4}$ lb. 85c.



Navel, FR.
Navone, ITAL.

Turnip

Nabo, SP.
Weissrueben, GER.

One ounce will sow 200 feet of drill, two pounds for an acre.

CULTURE—For an early crop sow seed thinly in the open ground in spring, in drills 18 to 20 inches apart. Thin out seedlings to stand 3 or 4 inches apart. For succession sow every two weeks until May 15. For fall and winter sow in July and August. A good crop may often be grown by scattering seed thinly in the cornfield at last cultivation. Sow Ruta Baga seed in open ground during June and early July. Take up the roots just before winter, top, and store in cool cellar, or pit outdoors.

960 Aberdeen Purple-Top Yellow. Very hardy and productive, good keeper. Of thick, slightly flattened shape and of fine quality. Pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 35c; lb. \$1.00.

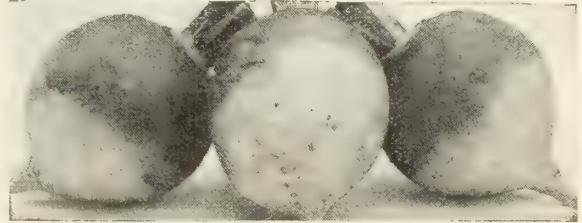
961 All Seasons Foliage Turnip. The tops or greens of this new Turnip are equal in every way to the best Spinach. They are large and tender, free from aphids, and yield repeated cuttings. The large roots equal the finest Turnips in quality, with pure white skin and flesh, and without blemish, inside or out. This variety developed in the Orient and is so resistant to disease and insects that spraying and dusting are not necessary. Tops can be cut 25 to 30 days after seed is sown and roots pulled in about 5 weeks. Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 45c; lb. \$1.25.

962 Golden Ball. This is the best of all yellow fleshed Turnips. Has small tops and medium-sized roots which are round and smooth. Firm, crisp, flavorful flesh. Pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 35c; lb. \$1.00.

965 Pomeranian White Globe. Large, pure white, globe-shaped roots of deliciously sweet taste when young. The ample green foliage makes excellent and healthful greens. A well known variety. Pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 35c; lb. \$1.00.



Deer's "All Season's" Foliage Turnip



Purple-Top White Globe Turnips

966 Purple-Top White Globe. A distinctly superior variety of perfect globe form having a white skin colored purplish red above the ground. The flesh is not only very fine grained but it has a sweet and tasty flavor. Pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 35c; lb. \$1.00.

967 Purple Top Milan, Extra-Early. A very early and therefore most popular variety with flat, purple topped roots of mild flavor. Pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 40c; lb. \$1.25.

969 Red-or Purple-Top (Strap-Leaf). One of the earliest and most popular in our list. Flat white roots shaded purple on top. The flesh is fine grained and mild. Pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 35c; lb. \$1.00.

970 Seven Top. Grown for its leafy tops only, which make excellent greens. It does not produce thick roots. Pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 35c; lb. \$1.00.

972 Snow Ball. The roots have a smooth white skin and are nearly round. One of the best to sow very early in the spring. Smooth, fine grained flesh of excellent, mild flavor. Pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 35c; lb. \$1.00.

974 White Egg, Early. Adapted for either spring or fall sowing. The tops are small and roots are of medium size. White skin and flesh. A favorite with many gardeners. Pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 35c; lb. \$1.00.

975 White Milan, Early. Of high quality. The roots are of medium size, flat, and pure white all through. Pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 40c; lb. \$1.25.

976 White Flat Dutch, Early. Of quick growth and mild flavor. A strap-leaf turnip of medium size. Pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 35c; lb. \$1.00.

977 Yellow Globe (Amber Globe). Produces globe-shaped roots with smooth skin and light yellow flesh, which is firm and sweet. Pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 35c; lb. \$1.00.

Ruta Baga

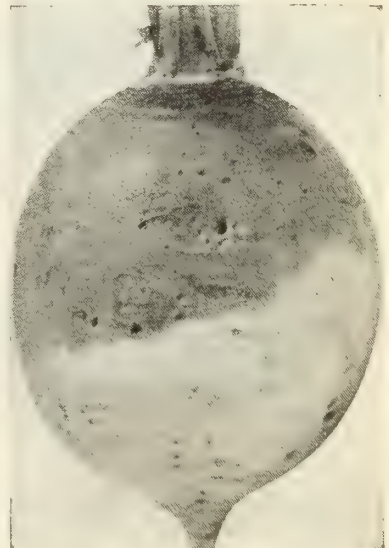
These have firmer flesh than Turnips and can therefore be stored until well into the spring. Sow seed the middle of July to make large roots for winter storing. Splendid for the table and also highly valued for stock feeding.

979 American Purple-Top. Very hardy and productive. The tender yellow flesh is solid and sweet. As good for table use as for stock feeding. Pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 30c; lb. 90c.

982 Budlong's Improved. A very sweet white Ruta Baga with much milder flavor than most other sorts. Globe-shaped roots with smooth creamy yellow skin. Very early. Pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 35c; lb. \$1.00.

985 Deer's Improved Purple-Top. Remarkable for uniform shape and fine quality, and also a splendid keeper. Smooth skin of a beautiful yellow color. The solid flesh is fine grained and tender. It is very sweet. Pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 35c; lb. \$1.00.

988 Golden Heart. A Danish green-top variety of large size. Beautiful golden flesh which is sweet and mild. Pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 35c; lb. \$1.00.



Deer's Improved Purple-Top Ruta Baga

Dreer's Extra-Recleaned Grass Seed for Lawn and Field

Prices of quantities over 5 pounds are f. o. b. Philadelphia, and subject to market changes

We make a specialty of grass and clover seeds, and send out only the varieties best adapted to this country. Our supplies are secured direct from the best seed-producing districts of the world, and the seeds are of great reliability.

Dreer's Lawn Grass Mixtures

We offer on pages 1 to 3 a number of specially prepared lawn grass mixtures suited to various purposes and locations. These have been prepared with particular care and they include only heavy, full of vitality seeds of those grasses particularly adapted to lawn making. We shall, however, be glad at any time to prepare special mixtures in accordance with the wishes of our customers.

Bent, Astoria. A true creeping Bent. Oregon grown seed, State certified. Lb. \$1.50; 5 lbs. \$7.25 postpaid. Not prepaid, 25 lbs. \$32.50; 100 lbs. \$125.00.

Bent, Colonial (*Agrostis tenuis*). N. Z. Brown Top. Super-cleaned seed. Very similar to R. I. Bent. Lb. \$1.50; 5 lbs. \$7.25 postpaid. Not prepaid, 25 lbs. \$32.50; 100 lbs. \$125.00.

Bent, Creeping (*Agrostis species* or *German Mixed Bent*). For putting greens and fine lawns. Lb. \$1.50; 5 lbs. \$7.25 postpaid. Not prepaid, 25 lbs. \$32.50; 100 lbs. \$125.00.

HyperVELVET-bent SEED
94% Pure - Germ 88%
"ten million to the pound"

We offer this high-grade seed with full confidence as we now have a most reliable source of supply. Due to the large number of seeds per pound it is economical to use, 2 lbs. being sufficient for about 1000 square feet. Lb. \$4.25; 5 lbs. \$20.00 postpaid. Not prepaid, 25 lbs. \$94.00; 100 lbs. \$325.00.



Blue Grass, Kentucky

Blue Grass, Kentucky Fancy Recleaned (*Poa pratensis*). Rated as one of the best permanent grasses. Especially useful for fine lawns and meadows. Lb. 50c; 5 lbs. \$2.40 postpaid. Not prepaid, 25 lbs. \$10.20; 100 lbs. \$40.00.

Blue Grass, Canadian (*Poa compressa*). Useful on poor soils. Lb. 50c; 5 lbs. \$2.40 postpaid. Not prepaid, 25 lbs. \$10.20; 100 lbs. \$40.00.

Bermuda Grass (*Cynodon dactylon*). Invaluable for lawns and pastures in the southern states. Lb. 35c; 5 lbs. \$1.50 postpaid. Not prepaid, 25 lbs. \$6.50; 100 lbs. \$25.00.

Carpet Grass (*Axonopus compressus*). For lawns and pastures of the Gulf Coast States. Lb. 35c; 5 lbs. \$1.50 postpaid. Not prepaid, 25 lbs. \$6.25; 100 lbs. \$23.00.

Crested Dogtail (*Cynosurus cristatus*). A very hardy perennial. Lb. 50c; 5 lbs. \$2.40 postpaid. Not prepaid, 25 lbs. \$10.20; 100 lbs. \$40.00.

Fescue Chewings New Zealand (*Festuca rubra fallax*). For fine lawns and putting greens. Lb. 60c; 5 lbs. \$2.90 postpaid. Not prepaid, 25 lbs. \$14.00; 100 lbs. \$55.00.

Fescue, Hard (*Festuca duriuscula*). A good pasture grass. Lb. 60c; 5 lbs. \$2.90 postpaid. Not prepaid, 25 lbs. \$14.00; 100 lbs. \$55.00.

Fescue, Meadow (*Festuca pratensis*). English Blue Grass or Sweet Grass. A useful perennial for hay and pasture. Lb. 35c; 5 lbs. \$1.65 postpaid. Not prepaid, 25 lbs. \$6.50; 100 lbs. \$25.00.

Fescue, Genuine Red or Creeping (*Festuca rubra*). For fine lawns and putting greens. Succeeds in sandy soils. Lb. 60c; 5 lbs. \$2.90 postpaid. Not prepaid, 25 lbs. \$14.00; 100 lbs. \$55.00.

Fescue, Sheep's (*Festuca ovina*). Valuable for pastures. Lb. 60c; 5 lbs. \$2.90 postpaid. Not prepaid, 25 lbs. \$14.00; 100 lbs. \$55.00.

Fescue, Fine-Leaved Sheep's (*Festuca ovina tenuifolia*). Excellent for lawns. Dwarf, fine-leaved growth. Lb. \$1.00; 5 lbs. \$4.90 postpaid. Not prepaid, 25 lbs. \$22.50; 100 lbs. \$88.00.

Orchard Grass (*Dactylis glomerata*). One of the most valuable of the pasture grasses; makes a good hay. Lb. 30c; 5 lbs. \$1.40 postpaid. Not prepaid, 25 lbs. \$5.00; 100 lbs. \$18.00.

Red-Top Grass, Extra Recleaned Seed (*Agrostis alba*). Very popular for lawns and golf courses. Heavy, solid seed. Lb. 35c; 5 lbs. \$1.60 postpaid. Not prepaid, 25 lbs. \$6.50; 100 lbs. \$25.00.

Rough Stalked Meadow Grass (*Poa trivialis*). Recommended for shady lawns and also a rich pasture grass. Lb. 50c; 5 lbs. \$2.40 postpaid. Not prepaid, 25 lbs. \$10.20; 100 lbs. \$40.00.

Rye Grass, American (*Oregon grown*). Extra fine, heavy seed. Lb. 25c; 5 lbs. \$1.20 postpaid. Not prepaid, 25 lbs. \$4.50; 100 lbs. \$14.00.

Rye Grass, English Perennial (*Lolium perenne*). For winter lawns in the South and also for permanent pastures. Lb. 30c; 5 lbs. \$1.45 postpaid. Not prepaid, 25 lbs. \$5.00; 100 lbs. \$18.00.

Rye Grass, Italian (*Lolium italicum*). An annual for hay mixtures, or for the southern lawn in fall. Lb. 30c; 5 lbs. \$1.45 postpaid. Not prepaid, 25 lbs. \$5.00; 100 lbs. \$18.00.

Sweet Vernal Grass, True (*Anthoxanthum odoratum*). Imparts a sweet odor to hay. Lb. \$1.10; 5 lbs. \$5.00 postpaid.

Tall Meadow Oat Grass (*Avena elatior*). For pastures. Lb. 40c; 5 lbs. \$1.90 postpaid. Not prepaid, 25 lbs. \$7.75; 100 lbs. \$30.00.

Timothy (*Phleum pratense*). Lb. 30c postpaid. Write for price per bushel.

Wood Meadow Grass (*Poa nemoralis*). The ideal grass for heavily shaded lawns. Lb. \$1.00; 5 lbs. \$4.90 postpaid. Not prepaid, 25 lbs. \$22.50; 100 lbs. \$88.00.

Re-Cleaned Bird Seeds (Prepaid Prices)

	Lb.	5 lbs.	10 lbs.
Canary, Plain	\$0 25	\$1 00	\$1 90
Hemp	25	1 00	1 90
Lettuce	30	1 20	2 00
Millet	25	1 00	1 90
Sunflower	25	1 10	2 00
Rape, Sweet	25	1 00	1 90
Mixed Bird (Canary, Rape, and Hemp)	25	1 00	1 90
Wild Bird Mixture	25	1 00	1 90



Dreer's Permanent Pasture Grass Mixture

An acreage of good grass land is an asset to any farm and a necessity where stock of any kind is raised. Land, too, is properly rested and fertility renewed. Eventually, when the sod is plowed down, this rich land is in condition to return heavy crops. Permanent Pasture Grass succeeds well after a root crop, such as Potatoes, Beets, Mangels, or Turnips has been taken off. The land should be fall plowed and left rough over winter and prepared in spring, making the seed bed as fine as possible by repeated harrowing. After seed is sown a heavy rolling is necessary, as grass requires a firm seed bed. This special mixture of Recleaned Grass and Clover Seeds is composed of perennial varieties which insure at all times an abundant and nutritious food supply for all kinds of stock. It yields a heavy crop of hay each year and supplies rich pasture all the year round. We ship out large quantities of this mixture and it has always given most satisfactory results everywhere. **Sow 50 lbs. to the acre.** When ordering, kindly state whether for heavy or light soil. Peck \$2.25; $\frac{1}{2}$ bu. \$4.25; bu. (20 lbs.) \$8.00; 100 lbs. \$32.50.

Alfalfa

Produces 2 or 3 good hay crops in a season and is unsurpassed as a soil enricher. We offer only North American grown stocks of highest purity.

North Western.....lb. 40c, postpaid.

Grimm.....lb. 45c, postpaid.

Write for quantity price with sample and instructive circular.

Barley

Oderbrucker. A productive and reliable six-rowed bearded variety and an improvement over the old Manchurey. Sow $1\frac{1}{2}$ to 2 bu. if drilled; 2 to $2\frac{1}{2}$ bu. broadcast. Lb. 25c, postpaid. Not prepaid, peck 80c; bu. (48 lbs.) \$2.75.

Broom Corn

Improved Evergreen. Brush is long, fine, straight, and always green; grows 7 feet high. Sow 10 lbs. to the acre in good, deep soil. Lb. 25c, postpaid. Not prepaid, peck \$1.50; bu. (46 lbs.) \$5.00.

Buckwheat

Japanese. Earlier, more prolific, and yields nearly double the weight per acre of other sorts. Makes a high grade flour. Lb. 30c, postpaid. Not prepaid, peck \$1.00; bu. (48 lbs.) \$2.75; 10 bu. at \$2.50 per bu.

Clover Seed

Write for prices per bu.

Red Medium (*Trifolium pratense*). Sow spring or fall, 10 to 15 lbs. per acre. Lb. 40c, postpaid.

Red Mammoth or Sapling (*Trifolium pratense perenne*). 10 to 15 lbs. per acre. Lb. 40c, postpaid.

Alsike or Swedish (*Trifolium hybridum*). Best variety where other clovers will not thrive. 8 lbs. to the acre when used alone. Lb. 45c, postpaid.

White Dutch (*Trifolium repens*). 8 lbs. to the acre alone. Oz. 10c; $\frac{1}{2}$ lb. 30c; $\frac{1}{4}$ lb. 45c; lb. 85c, postpaid. Not prepaid, lb. 75c; 5 lbs. \$3.50; 10 lbs. \$6.75; bu. (60 lbs.) \$39.00; 100 lbs. \$63.00.

Sweet Bokhara (*Melilotus alba*). A valuable soil improver and a favorite bee food. 20 lbs. to the acre. Lb. 30c, postpaid.

Japan or Korean (*Lespedeza striata*). 14 lbs. per acre. Lb. 40c, postpaid.

Crimson or Scarlet. Valuable for hay, cover crop, or green manuring. 20 lbs. per acre. Lb. 35c, postpaid.

Ensilage Corn

Sow 1 to $1\frac{1}{2}$ bu. to the acre in rows $3\frac{1}{2}$ feet apart.

Red Cob Ensilage. One of the very best varieties and grows well in all sections. It is a pure white Corn on a red cob, making a growth of stalk measuring 12 to 14 feet high. Very productive and most reliable giving a high yield of nutritious ensilage.

Sweet Fodder Corn. For soiling or ensilage. Sow in drills at the rate of 2 bu. to the acre. Gives a good yield of rich green fodder and ensilage.

Field Corn

Sow early in May, 8 quarts to the acre.

Perfected Golden Beauty. An improved strain of Golden Beauty obtained by careful selection. The ears contain from 10 to 14 rows of extremely large, broad grains which are of a rich golden yellow color, and the cob is small.

Leaming. A good early variety which ripens in about 110 days. Ears good size, cob red, grains medium in size and deep yellow. The stalks often produce two good ears per plant.

Early Yellow Canada Flint. A ninety-day Corn splendid for replanting. Rich yellow ears, 12 to 14 inches long. The earliest and hardiest of all Field Corn.

Pusey Cloud Yellow Dent. A prize winning variety at many Eastern Corn Shows. It matures in 100 to 110 days and will yield 75 to 100 bushels of shelled Corn to an acre. The ears measure about 10 inches in length. One of the most popular yellow Dent varieties.

Early Mastodon Dent. A Dent Corn suitable for Northern sections as it matures in about 110 days. The stalks grow rapidly and to a good size, producing excellent fodder and an abundant crop of corn. Grows from 9 to 10 feet high.

Early 100-Day Bristol. One of the earliest large Dent varieties. It is productive, and ears are a good size with light yellow grains.

Johnson County White Dent. A prolific variety which produces large well-filled ears. Grains are long and set close on the cob which measures about 10 inches in length and contains from 18 to 24 rows of grain.

On account of many crop failures of Ensilage and Field Corn during the 1934 growing season caused by severe drought it is impossible to quote prices at time of going to press. Write for special quotations on your requirements.

Mangel Wurzel

Excellent for stock or poultry feed. Sow in May or June, 6 lbs. to acre, in rows 2 feet apart, and thin to 9 inches. Give the crop good cultivation.

177 Mammoth Long Red. This is a favorite variety with Dairy and Poultrymen. Produces enormous crops of fine solid roots. Splendid keeper. Oz. 10c; $\frac{1}{4}$ lb. 30c; lb. 75c; 10 lbs. \$5.00, prepaid.

178 Red Globe. A large, red, oval variety. Keeps well and produces better crops on shallow soil than the Long Red. Oz. 10c; $\frac{1}{4}$ lb. 30c; lb. 85c; 10 lbs. \$5.50, prepaid.

173 Golden Tankard. Indispensable owing to its productiveness and richness in sugar. Deep yellow flesh and skin. Oz. 10c; $\frac{1}{4}$ lb. 30c; lb. 75c; 10 lbs. \$5.00, prepaid.

Sugar Beets

Sow same as Mangels, except thin to 6 to 8 inches in the row.

170 Klein Wanzleben. Without question the best in cultivation. Not the largest in size, but the richest in sugar content. Oz. 10c; $\frac{1}{4}$ lb. 30c; lb. 75c; 10 lbs. \$5.00, prepaid.

171 Lane's Improved White Sugar. This Beet attains a large size and grows considerably above the ground. Oz. 10c; $\frac{1}{4}$ lb. 30c; lb. 75c; 10 lbs. \$5.00, prepaid.

Millet

German or Golden (*Panicum germanicum*). A valuable early annual hay and fodder crop. Matures within two months. Sow 1 bushel to the acre. Lb. 25c, postpaid. Not prepaid, bu. (50 lbs.) \$3.50.

Hungarian (*Panicum hungariensis*). An annual forage plant, early and productive, growing 2 to 3 feet high. Sow 1 bushel to the acre. Lb. 25c, postpaid. Not prepaid, bu. (48 lbs.) \$3.00.

Egyptian or East India Pearl (*Penicillaria spicata*). Grows from 8 to 10 feet high. For fodder, sow 5 pounds in drills 3 feet apart, thin out in rows to 1-foot apart. Lb. 40c, postpaid. Not prepaid, bu. (50 lbs.) \$7.00.

Japanese Barn-Yard (*Panicum crus-galli*). An excellent fodder plant; grows 6 to 8 feet high. Sow from middle of May to end of July. Broadcast 12 lbs. to acre, or drill 8 lbs. to acre. Lb. 25c, postpaid. Not prepaid, bu. (35 lbs.) \$5.00.

Oats

Storm King. Makes a strong growth of straw with large well-filled heads which have a tendency to be one-sided. Has large, white, heavy grains. "Storm King" has yielded from 60 to 70 bushels per acre, and we recommend it strongly. Not prepaid, peck (8 lbs.) 55c; bu. (32 lbs.) \$1.50; 10 bu. or over, \$1.25 per bu.

Swedish Select. Native to northern Europe, this is a splendid variety for all sections and particularly so to our States north of this latitude. A very productive sort. The straw is heavy and stiff, and the grains plump and attractive in appearance. Not prepaid, peck (8 lbs.) 50c; bu. (32 lbs.) \$1.40; 10 bu. or over, \$1.20 per bu.

Note—The measured bushel of the two sorts offered weighs 42 or 43 lbs. The Pennsylvania standard weight, however, is only 32 lbs. and it is at this latter weight that we quote.

Field and Cow Peas

Canadian Field Peas. Valuable for northern climates for cattle feeding and for green soiling. Sow 3 bu. per acre alone, or $1\frac{1}{2}$ bu. with 1 bu. Oats. Lb. 25c, postpaid. Not prepaid, peck \$1.25; bu. (60 lbs.) \$4.50.

New Era Cow Peas. An upright-growing variety which matures quickly and produces a large crop of peas. The vines are small but cure nicely and make a good forage. Lb. 30c, postpaid. Write for price per bushel.

Whip-Poor-Will Cow Peas. A standard early variety. Grows upright, vigorous, and the crop is easy to harvest. We sell more of this variety than any other, and consider it the best for general purposes. Lb. 30c, postpaid. Write for price per bushel.

Soja or Soy Beans

Wilson. An excellent variety for Middle and Eastern States. Grows 36 to 44 inches high, branches well, holds leaves, and the seeds do not shatter from pods after cutting. Lb. 30c, postpaid. Write for price per bushel.

Manchu. Matures a week or so earlier than Wilson and is an exceptionally heavy cropper. From $2\frac{1}{2}$ to 3 tons per acre of high quality hay is an average crop on good land. Very suitable for Pennsylvania and neighboring States. Lb. 30c, postpaid. Write for price per bushel.

Rape

Dwarf Essex Rape. A valuable forage plant relished by all kinds of stock, and especially hogs. It can be sown in this latitude in April for early crop, or as late as September for fall crop. Makes a quick and vigorous growth and stock can be turned on it in 7 or 8 weeks. Broadcast at the rate of 10 lbs. to the acre, or 5 lbs. in drills. Finest imported seed. Lb. 25c, postpaid. Not prepaid, 5 lbs. 70c; 10 lbs. \$1.30; 50 lbs. \$6.00.

Sunflower

Mammoth. Produces immense heads measuring 12 to 20 inches across. An excellent and cheap food for poultry. Sow 5 lbs. per acre in drills 3 feet apart. Extra heavy seed. Lb. 25c; 5 lbs. \$1.10; 10 lbs. \$2.00, prepaid. Not prepaid, 100 lbs. \$10.00.

Tobacco

Tabac, FR.

Tabaco, SP.

Tabak, GER.

One ounce of seed is sufficient for an acre.

Culture—Sow seed early in spring in frames or seedbed, using soil well enriched with wood ashes, etc. Transplant to open ground when weather has become warm and settled. Set in rows 4 feet apart and give cultivation as for corn.

884 White Burley. The favorite of Kentucky. Light-colored leaves of fine flavor and aroma. Pkt. 10c; $\frac{1}{2}$ oz. 25c; oz. 40c; $\frac{1}{4}$ lb. \$1.25.

881 Connecticut Seed Leaf. One of the best varieties for cigar wrappers. The leaves are of good width and length. They grow closely on stalk. Pkt. 10c; $\frac{1}{2}$ oz. 25c; oz. 40c; $\frac{1}{4}$ lb. \$1.25.

882 Havana. The seed we offer is the best Vuelta Abajo, known as the finest-flavored tobacco grown. Obtained by us direct from Cuba. Pkt. 15c; $\frac{1}{2}$ oz. 30c; oz. 50c; $\frac{1}{4}$ lb. \$1.50.

883 Pennsylvania Seed Leaf. Produces a very large, handsome leaf of good quality. Extensively grown in Lancaster County, Pa. Pkt. 10c; $\frac{1}{2}$ oz. 25c; oz. 40c; $\frac{1}{4}$ lb. \$1.25.

Miscellaneous Farm Seeds

Spring Rye. Grown for grain crop or turning under to improve the soil. Sow $1\frac{1}{2}$ bushels to the acre. Lb. 30c, postpaid. Write for price per bushel.

Rye for Fall seeding will be offered in our Autumn Catalog.

Sudan Grass. A forage plant valuable in the middle West. Grows from 6 to 10 feet high. Sow seed when ground has become warm, 4 to 6 lbs. per acre, in drills 18 to 24 inches apart, and cultivate like Corn. Lb. 30c, postpaid. Not prepaid, 10 lbs. \$1.50; 50 lbs. \$7.00.

Vetch or Tares, Spring (*Vicia sativa*). Very valuable for soiling or for green manuring. Broadcast 2 or 3 bushels to acre, or 1 to 2 bushels in drills. Lb. 30c, postpaid. Write for price per bushel.

Vetch or Tares, Winter (*Vicia villosa*). Also called Sand Vetch or Hairy Vetch. A great soil improver and a nutritious green fodder or hay crop. For fall sowing. Sow 1 bu. per acre, together with 1 bu. of Rye. Lb. 40c, postpaid. Write for price per bushel and special leaflet.

Wheat Marquis. An excellent spring variety producing large beardless heads. Extremely hardy. Sow $1\frac{1}{2}$ bus. to the acre. Lb. 25c, postpaid. Write for price per bushel.

Wheat for fall seeding will be offered in our Autumn Catalog.

Showy Flowering and Foliage Plants for the House, Conservatory, and Porch



Agapanthus umbellatus

Agapanthus

Umbellatus (*Blue Lily of the Nile*). A splendid ornamental plant, bearing clusters of bright blue flowers on 3 feet long flower stalks lasting a long time in bloom. A most desirable plant for outdoor decoration, planted in large pots or tubs on the lawn or piazza. Strong plants of flowering size from 6-inch pots \$1.00; 8-inch tubs \$3.00; large 10-inch tubs \$5.00 each.

Aglaonema

Costatum. A dwarf-growing, pretty foliage plant suitable for the conservatory or window garden. Very compact heart-shaped leaves of shining dark green with white midrib and scattering blotches of white. 75c each.

Allamanda

Hendersoni. A strong growing climber well suited to train on the pillars or supports of a conservatory or on a trellis. Large, fragrant, golden yellow flowers. 50c each.

Williamsi. Forms a compact bushy plant with large, rich yellow flowers at every point; deliciously scented. 50c each.

Aloysia—Lemon Verbena

Citriodora. The well-known popular pot or bedding plant grown for its richly fragrant foliage. 25c each; \$2.50 per doz.

Antigonon—Mountain Rose

Leptopus. This pretty pink or rosy red form is one of the most conspicuous and beautiful climbers grown in the southern states. Verandas or trellises covered with it are extremely showy and beautiful. In the North the Antigonon makes a splendid climber for the greenhouse. 50c each.

Anthericum

Mandaianum. A splendid variety with narrow foliage. The creamy white leaves are beautifully edged with green.

Vittatum picturatum. A most desirable plant for window boxes, vases, or for growing as a single specimen in pot. Long, narrow, green foliage with creamy white center. Splendid plants.

Either variety: 25c each; \$2.50 per doz.

Anthurium—Flamingo Flower

Pretty greenhouse plants that have many good qualities, not only as decorative plants, but also as cut flowers. Their oddly shaped flowers of rich coloring frequently last on the plant from two to three months.

Scherzerianum. Brilliant scarlet flowers.

— **album**. Creamy white flowers.

— **atrosanguineum**. Rich crimson-scarlet.

— **Rothschildianum**. Creamy white, spotted crimson.

Strong flowering plants: \$3.00 each.

We offer a very comprehensive list of plants which are adapted for growing in the house, the conservatory, the greenhouse, and which may be used to adorn the porch or veranda during the summer time to be brought indoors again with the approach of cold weather. In addition to the old favorites you will find the finest of the new kinds as well as some choice rare subjects.

Plants in 4-inch pots or larger can be sent by Express only. Smaller sizes will be mailed if you add 10% (15% west of the Mississippi) to the value for postage and special packing. Minimum charge 10 cents.

Aralia

Elegantissima. Handsome decorative foliage plants for the warm conservatory with very narrow, finely divided foliage of a peculiar metallic green color. 4-inch pots \$1.50; 5-inch pots \$2.00 each.

Araucaria—Norfolk Island Pine

Excelsa. A beautiful evergreen, a favorite plant for house decoration, unequalled in symmetrical habit of growth by any other plant.

4-inch pots, 10 to 12 inches high, \$2.00 each.

5-inch pots, 12 to 15 inches high, \$3.00 each.

Asparagus

Plumosus nanus (*Asparagus Fern*). There is no better plant for table decoration than this. The foliage is more delicate than that of the finest Fern, being lace-like in its fineness. A plant with half a dozen stalks is a mass of dainty, misty green. 25c and 50c each; \$2.50 and \$5.00 per doz.

Sprengeri (*Emerald Feather*). Excellent for hanging-baskets, for bracket use, and for cutting. One of the best plants for the window-box when planted near the edge where it can droop over the side. 25c and 50c each; \$2.50 and \$5.00 per doz.

Aspidistra

Lurida. One of the easiest decorative plants to grow. A most useful house plant, thriving in a hallway or a comparatively dark place in the room where nothing else will succeed. 5-inch pots \$1.50; 6-inch pots \$2.00, and 7-inch pots \$3.00 each. Specimen plants, 8-inch tubs, \$5.00 each.

— **variegata**. The dark green leaves are striped with white. 5-inch pots \$2.50 each; 6-inch pots \$3.50 each.

Azalea indica

Deservedly popular plants for the conservatory and window garden. We offer 6 distinct varieties in nice bushy plants.

Empress of India. Large double flowers of salmon-rose, carmine and white suffusion.

John Haerens. Double deep rose-pink with white markings.

Mme. Van der Cruyssen. Beautiful semidouble carmine-rose.

Mrs. Frederik Sander. Large double deep rose-pink.

Professor Walters. Large single salmon-pink deepening to the center. The petals are prettily fringed.

Vervaeana. Large double salmon-pink with white margin.

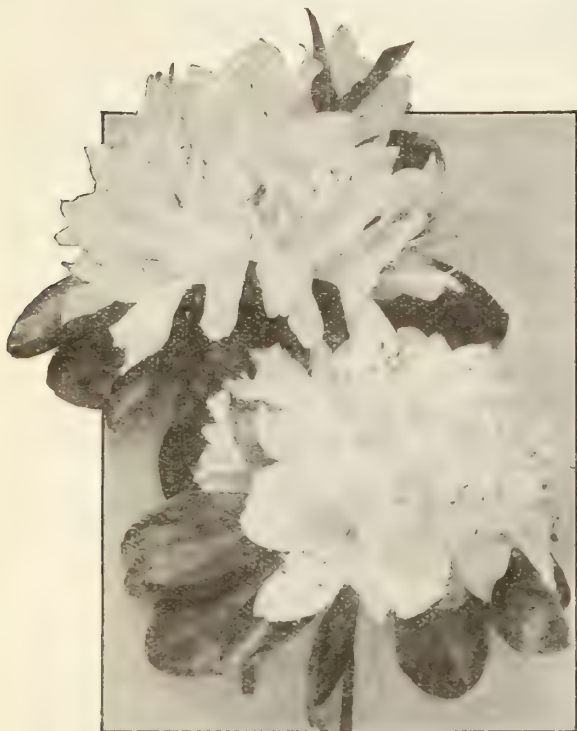
Bushy plants, 8 to 10 inches in diameter, \$1.50 each.

For Japanese Azaleas, see next page.

A Garden in the House

Helen Van Pelt Wilson

A very interesting booklet of 112 pages giving interesting and valuable information about house plants, their use and culture. Has chapters on temperatures, humidity, pebble gardens, watering, ventilation, pruning, and transplanting. Also gives full information on fertilizers, repotting, drainage, soils. Discusses insects and how to control them and gives lists of plants suited to various positions in the house. Full of notes about all the popular varieties. 25c postpaid.



Japanese Azalea

Japanese Azaleas

These are most valuable additions to our limited list of winter flowering plants. They are evergreen and for best results should be kept under glass during the winter. The 6 varieties which we offer here include all the finest varieties in a wide range of beautiful colors. We offer strong, husky plants of these.

Coral Bells. Coral pink shading to deeper pink in the center. Small hose-in-hose flowers borne most profusely.

Hinodegiri. A popular variety with dense clusters of bright fiery red flowers.

Pink Pearl. The flowers are an attractive shade of salmon-rose with full trusses hose-in-hose.

Salmon Beauty. Large, semi-double flowers of brilliant salmon-rose. A free and early flowering variety.

Snow. The dainty double blooms are a pure snow white. A very lovely variety that is most desirable.

Vivid. A new and much admired variety. Produces an abundance of semi-double vivid crimson flowers.

Any of the above in strong bushy plants \$1.50 each.

For hardy Azaleas we refer you to page 118 of this catalogue, where we give a list of the most popular varieties. The Japanese Azaleas are hardy as far north as Long Island when planted in a sheltered, semi-shaded location.

Fibrous-Rooted Begonias

Argentea guttata. Foliage of rich green spotted with silver. A very attractive summer-flowering variety.

Corallina lucerna. Gigantic trusses of bronzy-red flowers, in bloom continuously from April to November.

Haageana. Large trusses of creamy-white flowers suffused with pink. The foliage is bold and attractive, of a bronzy-green above and reddish on the under side. Summer flowering.

35c each. One each of the 3 sorts for \$1.00.

Beloperone guttata—Shrimp Plant

A singularly attractive novelty. The inflorescence of *Beloperone* is composed of a series of overlapping bracts or floral leaves. These bracts assume a rich golden bronze tint when the plant is exposed to full light and the two-lipped white flowers are produced successively between these bracts. The lower lip of the flower has a tessellated marking of pale purple, while the upper lip forms a hood over the dark stamens. A most attractive plant for the mixed border or a most desirable house plant. 30c each; \$3.00 per doz.

Bougainvillea

Crimson Lake. The flowers are like all other Bougainvilleas, perhaps a trifle larger, but in coloring none compare with it in richness and brilliance. On first opening they are a brilliant crimson-lake, retaining this color for three or four weeks and then gradually passing to a crimson-carmine. An attractive pot plant for the conservatory. Strong plants, 50c each.

Camellia japonica

To meet the growing demand for these showy plants we have produced a nice lot of thrifty plants of the following choice named varieties.

Chandleri elegans. A Peony-flowered variety. One of the largest cherry red varieties variegated with white. 5-inch pots \$1.50 each.

Elizabeth. Double pure white. 5-inch pots \$1.50 each.

Jarvis Red. Semi-double blooms of a deep blood red with golden stamens. 5-inch pots \$1.50 each.

Kellingtonia. Peony-flowered type. Orange-red, attractively blotched with white. 5-inch pots \$1.50 each.

Pink Perfection. Lovely double clear shell pink blooms of dainty appearance and produced most freely. 5-inch pots \$1.50; 6-inch pots \$2.50; 8-inch pots \$5.00 each.

Purity. A vigorous growing double pure white. 6-inch pots \$2.50; 8-inch pots \$5.00 each.

Rev. John Bennett. Semi-double orange-red flowers of great beauty. 5-inch pots \$1.50 each.

Cestrum parqui—Night-Blooming Jessamine

An interesting tender shrub of easy cultivation either for pot culture or for planting in the garden when the weather gets warm. Small greenish white flowers of delightful fragrance, which is dispensed only during the night. 25c each; \$2.50 per doz.

Clerodendron Balfouri—Glorybower

A beautiful greenhouse climber and also admirably suited to house culture, flowering most profusely with bright scarlet blooms enveloped in a creamy white calyx. Strong plants 50c each.

Clivia miniata

Imantophyllum

A pretty, Lily-like plant of easiest culture. Very desirable for the house blooming during the late winter months. Bears dense clusters of large, rich orange-red blooms shading to buff and remains in bloom for a long time. The clusters contain from 10 to 20 flowers each. 4-inch pots \$1.00; 5-inch pots \$2.00; 6-inch pots \$3.00; 7-inch pots \$5.00 each.



Clivia miniata

Crotons

Nothing can excel the beauty and richness of coloring that is found in this class of plants. They are beautiful as pot plants for the conservatory, making handsome specimens for decorative and exhibition purposes. In the latitude of Philadelphia and southward they are wonderfully effective for summer bedding, presenting a glorious medley of rich, variegated colors not found in any other class of plants.

We offer a choice assortment embracing the best standard varieties: Plants in 3-inch pots \$1.00 each.

Collection of 12 varieties \$10.00.

Cyperus—Umbrella Plant

Alternifolius. An excellent plant for the house, always presenting an attractive appearance. It may be grown as a sub-aquatic, and in any case should never lack a liberal supply of water. 25c each; \$2.50 per doz.

Daphne odora

We take pleasure in being able to again offer this old favorite. Has deep green foliage and extremely fragrant flowers.

Pink. 3-inch pots \$1.00; 5-inch pots \$1.50 each.

White. 3-inch pots \$1.00 each.

Dieffenbachia seguine

A very showy plant with bright green foliage and attractive white markings. It is a tropical American plant. Strong plants, 5-inch pots \$1.00 each.



Dracaena Sanderiana

Dracaena

Fragrans. An excellent house plant with broad, dark green foliage growing 3 feet long and 4 inches across. Does well under most adverse conditions. 3-inch pot plants 50c each; 4-inch pots 75c each; 6-inch pots \$1.00 each.

Godseffiana. Different from all other Dracaenas. Of free branching habit presenting a compact graceful specimen. The rich dark green leaves are densely marked with spots of creamy white. Strong textured foliage. 3-inch pots 50c each.

Massangeana. A beautiful variegated form of "Fragrans" with broad green foliage, and a broad golden yellow band running through each leaf center. 4-inch pots 75c each; 6-inch pots \$1.50 each.

Sanderiana. A distinct and very pretty Dracaena with glaucous green foliage attractively edged with a border of creamy white. The leaves are about 9 inches long and 1½ inches across. It is exceptionally showy. 2½-inch pots 35c each; 4-inch pots \$1.00 each.

Epiphyllum—Christmas Cactus

Truncatum. This is a very popular Cactus with leaf-like sections or flattened branches and large, showy, tubular flowers of a beautiful rosy red color. Some gardeners know this as *Crab Cactus*. Good plants in 4-inch pots \$1.00 each; trained tree-shaped plants with stems or small trunks and bushy crowns \$2.50 each.

Erythrina—Coral Plant

Crista-galli. An interesting flowering plant for the garden growing 4 to 6 feet high and producing from late in September until frost 18-inch-long spikes of large, rich crimson, pea-shaped flowers. The roots may be kept in perfect preservation during the winter in a dry cellar covered with a mound of soil. 50c each.

Eucharis—Amazon Lily

Amazonica. A splendid plant for the warm conservatory, blooming at various seasons. It is a relative to the *Amaryllis* and may be grown outdoors in warm countries. Sends up stalks bearing several pure white, star-shaped flowers, 4 inches across, which have a delightful fragrance. Water it liberally while the plants are making an active growth. 75c each; \$7.50 per doz.

Euphorbia

Splendens (Crown of Thorns).

This is a very odd and interesting plant with thick stems covered with numerous sharp spines which measure about an inch in length. It is of woody character with climbing stems and bears showy bracts of bright red flowers at all seasons. As the plants grow larger they may be trained into various shapes. A native of Madagascar. 2-inch pots 25c; 3-inch pots 50c; 4-inch pots \$1.00 each.

Tirucalli (Milk Bush). There are many interesting forms of Euphorbia but this variety surely is most unique. It has slender cylindrical whorled branches without any leaves. An excellent and very unique house plant which may be used in conjunction with other succulents. It is easy to grow. Strong young branched plants 25c each.



Euphorbia splendens

Jacquiniflora (Scarlet Flame). An old favorite winter-flowering plant that again has become very popular. It produces long, graceful sprays of bright orange-scarlet flowers during the duldest winter months lasting in perfect condition for a long time. It is a native of Mexico and as a pot plant it is an excellent subject for the window garden or the conservatory. Of shrubby habit growing as much as 4 feet high. 50c each.

Farfugium—Leopard Plant

Grande. This is an extremely ornamental plant with large, circular leaves, thickly spotted with creamy white and yellow. 75c each.

Ferns, see page 107.

Ficus—Rubber Plant

Elastica. The well-known Rubber Plant which still is one of the favorite house plants because it will grow and thrive even under the unfavorable conditions of the living room. 4-inch pots, 10 inches high, 75c each; 6-inch pots, 20 to 24 inches high, \$1.50 each.

Repens. A splendid little trailing plant with rich dark green foliage. A vigorous grower, fine for baskets or covering green-house walls. 35c each.

Utilis. Entirely distinct and unlike the popular Rubber Plant, yet possessing the same hardness. The leaves are thick and leathery, of a rich holly-green, with midrib and principal veins of ivory-white. Strong plants \$1.00 and \$2.00 each.

Fittonia

Attractive trailing plants with handsome variegated foliage. A splendid plant useful in the conservatory and for planting on the surface of pots or tubs containing large size specimens to cover the earth.

Argyroneura. Vivid green leaves with pure white veins.

Verschaffelti. Bronzy green leaves attractively variegated with bright pink veins. Makes a showy display.

Either variety: 35c each; \$3.50 per dozen.

Dreer's Fine Ferns

Adiantum cuneatum. This is the well-known fine-leaved Maiden Hair Fern which is used so extensively in combination with cut flowers. 3-inch pots 25c each; 5-inch pots 75c each.

— **farleyense Gloriosa** (*The Glory Fern*). A beautiful form of this wonderful and showy variety. Good plants in 3-inch pots 50c each; 4-inch pots \$1.00 each.

— **Wrightii.** This is a comparatively new variety of the Maiden Hair type with beautiful large fronds which are of a particularly pleasing green color. A good hardy variety suitable for the house. 4-inch pots 75c each.



Asplenium Nidus Avis

Asplenium Nidus Avis (*Bird's Nest Fern*). We have a splendid lot of these interesting house Ferns. 3½-inch pots 75c; 5-inch pots \$1.50 each.

Cyrtomium Rochfordianum compactum (*Crested Holly Fern*). Next to the Boston Ferns the Holly Ferns are most desirable for apartment and house use. The foliage is rich dark green and the pinnae or leaflets besides being waved on the edges are also deeply cut and toothed. 2½-inch pots 15c; 3-inch pots 25c; 4-inch pots 50c each.

Nephrolepis bostoniensis (*Boston Fern*). The original type with long graceful fronds. 4-inch pots 60c; 6-inch pots \$1.50 each. Specimen plants in 8-inch pots \$3.00 each.

— **Whitmani** (*The Ostrich-Plumed Boston Fern*). A pretty, crested form of the Boston Fern with bright plume-like foliage. 4-inch pots 75c; 6-inch pots \$1.50 each.



*Platycerium
alcicorne major*

Platycerium—Stag Horn Fern

These peculiar and interesting Ferns are especially useful for home and conservatory decoration. Very odd and interesting.

— **alcicorne.** A showy variety with long narrow leaves of a striking grayish green color. \$2.50 each.

— **alcicorne major.** The leaves of this variety are larger and of a deeper green than the above. \$5.00 each.

— **grande.** Both the fertile and sterile leaves of this variety are Stag Horn shape. Very desirable. \$7.50 each.

Polypodium Mandaianum, Seedlings. Attractive fronds which are wavy or undulated. They are of a glaucous blue color. Very hardy. 4-inch pots 50c each.

Pteris Alexandrae. The crested fronds of this particular variety are attractively variegated with silvery white. A horticultural form of "cretica." 2½-inch pots 15c; 4-inch pots 50c each.

— **Rivertoniana.** This is the most desirable of the taller crested forms of Pteris. A wonderful and most attractive variety. 2½-inch pots 15c; 4-inch pots 50c each.

— **Victoriae.** Those who like the variegated Ferns will be delighted with this variety which has graceful deep green foliage, showily marked with silvery white. 2½-inch pots 15c each; 4-inch pots 50c each.

— **Wisoni.** Lovely symmetrical plants with graceful bright green fronds. 2½-inch pots 15c; 4-inch pots 50c.

Ferns for Fern Dishes

We can supply the most desirable varieties. Nice plants, 2½-inch pots 15c each. Set of 10 for \$1.25.

Four Tree Ferns

Splendid for naturalizing in southern California or other warm states where they will grow into magnificent specimens. Also useful for large conservatories.

Alsophila australis (*Australian Tree Fern*). A vigorous variety growing to 20 feet high. 3½-inch pots 75c each.

Blechnum braziliensis (*Brazil Tree Fern*). This variety grows about 5 feet high. 3½-inch pots 75c each.

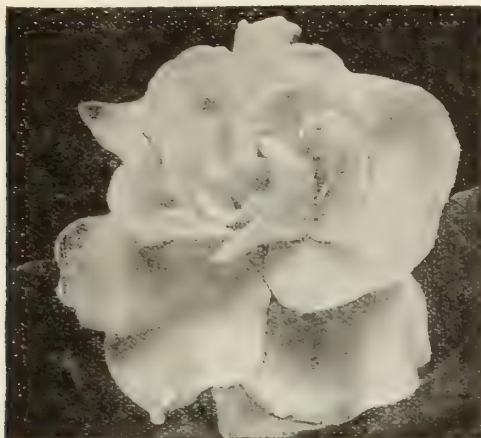
Cibotium Schiedeii (*Mexican Tree Fern*). A lovely showy variety growing to 8 feet high. Most desirable and most valuable of all Ferns for room and porch decorations. Has large fronds of a beautiful light green color.

4-inch pots \$1.00 each 8-inch tubs \$5.00 each
6-inch pots \$2.50 each 10-inch tubs \$7.50 each

Lomaria gibba (*New Caledonia Tree Fern*). This variety grows as much as 5 feet in height. 3½-inch pots 75c each.



Cibotium Schiedeii



Gardenia

Gardenia—Cape Jessamine

Veitchi. A beautiful evergreen greenhouse shrub with fragrant, pure white, waxy flowers blooming from April to June. Strong plants \$1.00 each.

Genista—Fragrant Broom

Fragrans. A very desirable spring-flowering plant with fragrant bright golden yellow blooms produced in the greatest profusion. Also a fine window plant and desirable for Easter decoration. Fine plants in 4-in^c pots, flowering size, 50c each.



Gerbera
Jamesoni

Gerbera Jamesoni

Transvaal or Barberton Daisy

A splendid subject for the conservatory and equally as fine as an outdoor plant during the summer and fall if placed in a sunny position where it will bloom most profusely.

Salmon Glow. Showy double blooms of a luminous salmon-pink. 75c each; \$7.50 per doz.

Sunrise. A single variety with large, brilliant orange-scarlet flowers with a golden suffusion. 75c each; \$7.50 per doz.

Single Flowering in Mixture. This includes everything from bluish white to brilliant scarlet. The blooms measure 3½ inches across. In mixture only. 35c each; \$3.50 per doz.

Hibiscus sinensis—Chinese Hibiscus

Well-known evergreen tender shrubs which may be grown either in pots or tubs or planted out during the summer.

Aurantiacus. Fine double flowers of pure salmon color.

Grandiflorus. Very large single rose.

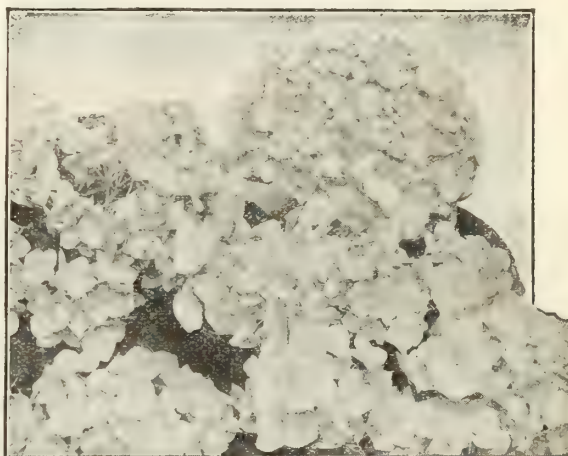
Miniatus semi-plenus. The finest and most brilliant semi-double vermillion-scarlet, with flowers 4 inches in diameter.

Peachblow. Large double flowers of a soft pink with deeper center. A very showy and popular variety.

Any of the above: 30c each. Set of 4 sorts for \$1.00.

Hoya—Wax Plant

Carnosa. An interesting, easily managed house plant of climbing habit suitable for growing on a trellis or other support, producing during the summer months large umbels of fragrant, waxy white flowers with pink centers. 50c each.



Hardy Hydrangea

Hardy Hydrangeas

The four best varieties for outdoor planting, requiring winter protection north of Philadelphia.

La Marne. Strong and vigorous, producing immense trusses of very large florets of a glossy rose-pink. The largest flowering; blooms two weeks after the popular Otaksa.

Marechal Foch. A very early variety of dwarf, compact habit. Has large carmine-red flowers produced very early.

Otaksa. This is the beautiful pink Hydrangea used extensively at the Atlantic seashore resorts. In acid soil the flowers turn blue. We offer especially fine plants.

Souvenir de Mme. E. Chautard. An early, free blooming, and hardy variety of a beautiful rose-pink color. Splendid for outdoor planting. Blooms on the new wood made in the spring.

Any of the above four varieties:

3-inch pots 25c each; \$2.50 per dozen.

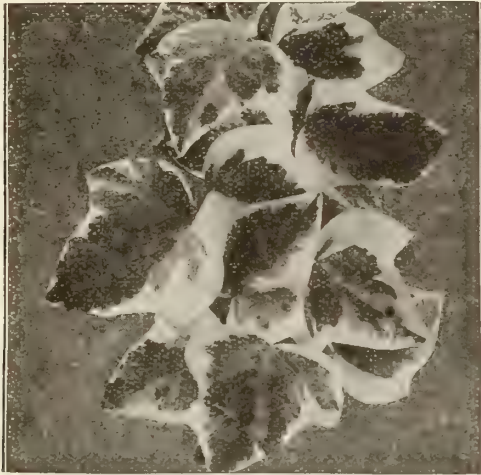
6-inch pots \$1.00 each; \$10.00 per dozen.

Beautiful Ivy—Hedera

Baltic Ivy (*Hedera helix baltica*). A variety introduced from the Baltic provinces, Russia, that has proved hardy as far north as Massachusetts, where the generally-grown type of English Ivy rarely stands the winter. 2½-inch pots 20c each, \$2.00 per doz.; 4-inch pots 75c each, \$7.50 per doz.

English Ivy (*Hedera helix*). Thrifty young plants in 2-inch pots 15c each, \$1.50 per doz.; \$10.00 per 100. Large plants, 4-inch pots 50c each, \$5.00 per doz.

Miniature-Leaved English Ivy (*Hedera helix gracilis*). Identical in habit with the English Ivy, but with much smaller, dark green foliage. A most graceful vine. Young plants in 2-inch pots 15c each, \$1.50 per doz.; 4-inch pots 50c each, \$5.00 per doz.



Large-Leaved Variegated Ivy

Large-Leaved Variegated Ivy

A most attractive plant for the house with large, deep green leaves prettily edged with creamy white. Strong young plants. 25c each; \$2.50 per dozen.



Jasminum grandiflorum

Jasminum grandiflorum

Catalonian or Star Jasmine

This is the old favorite sweet-scented variety, a most desirable plant for the window garden, producing its attractive white flowers almost continuously. 25c each; \$2.50 per doz.

Jasminum primulinum

Flowers bright yellow similar to the old favorite hardy Jessamine but double the size and developing early in March. An excellent plant for the window garden when trained on a trellis. 25c each.

Lagerstroemia—Crape Myrtle

This is one of the prettiest shrubs and while hardy south of the Potomac requires protection in this latitude. The graceful flowers appear very freely and are very attractive during August and September. We offer strong 6-inch pots.

Indica. Delicate soft pink.

— **alba.** A white-flowered form.

Either of the above: \$1.00 each.

Manettia bicolor

This curious and interesting everblooming tender climber has showy, long lasting flowers which measure $\frac{3}{4}$ -inch in length and are of a flaming red with yellow tips. A fine subject for the winter window garden and is superb in the summer when used as a porch or pole climber. Strong plants 35c each; \$3.50 per doz.

Olea—Sweet Olive

Fragrans. An old favorite greenhouse shrub succeeding admirably as a house plant, producing small, creamy white flowers with the most exquisite fragrance. Continues to bloom almost the entire winter. 5-inch pots \$1.00 each.

Oleander—Nerium

Double Pink. A favorite fragrant shrub for outdoor growing in the South and for pots in the North. Strong young plants of this old favorite 75c each.

Variegated Leaved. Foliage attractively edged with creamy white; single pink flowers. 75c each.



Ophiopogon Jaburan variegatus

Ophiopogon—Lily Tuft

Jaburan variegatus. The narrow, dark green foliage is prettily striped with gold, and during July and August, spikes of blue flowers add to its beauty. 5-inch pots 50c each.

Pandanus—Screw Pine

Veitchi. One of the finest decorative plants for the house. Graceful foliage, broadly striped with cream-white on a green ground. 4-inch pots \$1.00 each; 6-inch pots \$2.50 each.

Passiflora—Passion Flower

Pfordti. The most interesting and best variety for outdoors as a summer climber. Light blue flowers suffused with rose and borne quite freely. 35c each.

Peperomia maculosa

A succulent foliage plant with bright, rounded, shiny, rich green leaves. It is very effective in combination with other house plants. 3-inch pots 35c each; \$3.50 per doz.

Philodendron

Cordatum. A climbing or trailing plant with very substantial, dark green, heart-shaped leaves, 3 to 4 inches in diameter. An excellent plant for the window garden when grown as a trailing basket or pot plant. Strong young plants, 3-inch pots 35c each.

Pertusum (Monstera). An excellent house plant whose large, deep green, perforated leaves always excite much comment for their curious formation and grotesque appearance. 7-inch tubs \$10.00; 8-inch tubs \$15.00; 10-inch tubs \$25.00 each.

Phormium tenax variegatum

New Zealand Flax

A useful house plant which will thrive even under the most adverse conditions. Has very stiff, tough, leathery, beautifully variegated foliage. 6-inch pots \$1.50 each.

DECORATIVE PALMS

No collection of plants is complete without Palms. Their bold, majestic, yet graceful foliage lends a grandeur and magnificence that cannot be obtained from any other class of plants, and no decoration, whether in the conservatory, hall, or living-room, is complete without them.

Areca lutescens. One of the most graceful and beautiful Palms in cultivation; the foliage is a bright glossy green, and the stems are yellow.

	Each
3-inch pots, bushy plants, 12 to 15 inches high.....	\$0 50
4-inch pots, bushy plants, 15 to 18 inches high.....	75
5-inch pots, bushy plants, 18 to 24 inches high.....	1 50
6-inch pots, bushy plants, 24 to 30 inches high.....	2 50
7-inch pots, bushy plants, 36 inches high.....	5 00
8-inch tubs, 42 inches high.....	7 50

Phoenix Roebeleni. The most graceful of the Phoenix and a Palm which has become one of the most popular for room decoration. The plant is of vigorous growth and its gracefully recurving leaves with very narrow dark green pinnae give it a lightness and airiness not surpassed, if equaled, by *Cocos Weddelliana*; at the same time it is as hardy as a *Kentia*.

	Each
3-inch pots, fine young plants.....	\$0 50
4-inch pots, fine young plants.....	75
5-inch pots.....	1 50
6-inch pots.....	2 00
7-inch tubs, strong plants.....	5 00
8-inch tubs.....	7 50
10-inch tubs.....	10 00

Latania borbonica Chinese Fan Palm

3 inch pots, 50c each.
4 inch pots, 75c each.
10-inch tub
specimens \$10.00 each.



Latania borbonica
Chinese Fan Palm

Cocos Weddelliana. The most graceful and elegant of all Palms. Its slender, erect stem is freely furnished with gracefully arching leaves of a rich green color. Young plants in 2½-inch pots 35c each; 3-inch pots 75c each.

Kentia Belmoreana. The Kentias are the hardiest Palms in cultivation. They are of slow growth and are less affected by the dust and dry atmosphere of the house than any others. The variety here offered is of dwarf, spreading habit, with fine rich dark green foliage.

	Each
3-inch pots, 12 inches high.....	\$0 50
4-inch pots, 15 inches high.....	1 00
5-inch pots, 20 inches high.....	2 50

Kentia Forsteriana. This splendid variety is very similar to *K. Belmoreana*, but of stronger growth. It has broader and heavier foliage.

	Each
3-inch pots, 12 inches high.....	\$0 50
4-inch pots, 15 inches high.....	1 00
5-inch pots, 24 inches high.....	2 50
7-inch pots, 36 inches high.....	5 00



Phoenix Roebeleni

Kentia Forsteriana (Made-up Plants). These are specimens made by planting several plants together; very useful and decorative.

	Inches high	Each
5-inch pots.....	20.....	\$2 50
6-inch pots.....	30.....	5 00
7-inch tubs.....	36.....	7 50
7-inch tubs.....	40.....	10 00
8-inch tubs.....	42.....	12 50
8-inch tubs.....	45.....	15 00

Large specimen plants from 48 to 72 inches high, prices on application.



Made-up Plant of *Kentia Forsteriana*

Phoenix canariensis

This is the hardiest of the Date Palms. It has slender narrow leaves arranged along graceful arching stems. Always admired for its dainty appearance yet not at all difficult to grow in the house. Splendid outdoors in summer on the porch or in the garden. Bring indoors before cold weather sets in. Sturdy plants in 12-inch tubs, 44-48 inches high, \$15.00 each.

Thrinax elegans

This is a beautiful miniature Fan Palm, highly valued for indoor decoration where a small dainty plant is wanted. We have a limited quantity of handsome little specimens which we know will add considerably to a conservatory or plant stand. 3-inch pot plants \$1.00 each.

Phyllocactus

These attractive, flat leaved, spineless Cactus are of easy culture and their flowers are beautiful beyond description. We have been fortunate in working up sufficient stock to offer ten varieties. All are day blooming except Latifrons.

Ackermani. Showy medium-sized scarlet flowers. An old favorite.

Agathe. Brilliant red with the center overlaid with purple.

Cooperi. A very attractive and showy white.

Erebus. Dark cinnabar carmine with a magenta center.

Gloria. Has broad petals of a bright orange-red color.

Latifrons. A wonderful *night blooming* variety known as "Queen Cactus." Very popular and most interesting with immense flowers of a glistening creamy white. They open after dark and are at their prime about midnight closing before sunrise.

Latona. Bronzy red outer petals and magenta center.

Magenta. A striking and very rich magenta color.

Orion. Dark scarlet with purple shading. Center blush.

Sacuntale. An attractive salmon with a lovely carmine suffusion.

Any of the above: 50c each; \$5.00 per doz.

One each of the ten varieties for \$4.50.

Pilea serpyllifolia

The Artillery Plant

A very interesting house plant, easy to grow in a sunny window or in porch boxes during the summer. Has gracefully curving fronds of small shiny green leaves. Hundreds of small flowers bursting open explode and throw out a cloud of pollen which accounts for the name Artillery Plant. Strong plants 25c each.

Plumbago

Capensis. A fine plant for pot culture or the border. Splendid in porch or lawn vases. Spikes of pretty, light blue flowers.

—**alba.** A white flowered form of above.

Either of the above: 25c each; \$2.50 per doz.

Pothos

aureus Wilcoxi Golden Ceylon Creeper

This is a real improvement over the old, widely known aureus and it is really an outstanding plant. The foliage of this new variety is more distinctly variegated and the light yellow variegation extends way down to the stems which are of an ivory color. It may be displayed in hanging baskets indoors or out or wherever a pendant plant is wanted. Nice plants 50c each.



Pothos aureus Wilcoxi

Punica granata nana

The Dwarf Pomegranate

A very pretty, dwarf shrub producing a great profusion of rich orange-red flowers followed by interesting juicy fruits. It is perfectly hardy in the south and in the middle Atlantic and Central states it makes an interesting pot or tub plant for the lawn. Must be removed to a cool room or basement during the winter. Strong plants in 3-inch pots 50c; 4-inch pots \$1.00 each.

Rhynchospermum

Trachelospermum—Confederate Jasmine

A beautiful greenhouse climber and well adapted for growing as a house plant in pots and trained on a trellis. Dark green, glossy foliage. Masses of fragrant, pure white, Jasmine-like, flowers. Strong plants in 3-inch pots 75c each.

Sansevieria

Zeylanica. The old-fashioned cross-variegated sort. An exceptionally good houseplant. 4-inch pots 50c each.

—**Laurenti.** Has a beautiful band of creamy yellow varying from $\frac{1}{4}$ to $\frac{1}{2}$ inch on each edge of the variegated leaves. 3-inch pots 50c; 4-inch pots 75c; 5-inch pots \$1.00; 6-inch pots \$1.50 each.

Saxifraga—Aaron's Beard

Sarmentosa. This old favorite is admirable for growing as a pot plant which allows the numerous runners to hang down giving a very pretty effect. 3-inch pot plants 25c each; \$2.50 per dozen; 4-inch pot plants 50c each; \$5.00 per dozen.

Stephanotis

Floribunda. One of the most charming hothouse climbers. Long, glossy, deep green foliage. Pure white, deliciously fragrant flowers. Grows rapidly. \$1.50 each.

Stigmaphyllon ciliatum

Brazilian Golden or Orchid Vine

One of the prettiest tender climbers in cultivation with large, yellow, orchid-like flowers, produced very freely during the summer months. It is especially adapted for training over the pillars or on the wall of a conservatory, but will do equally well in the open air. 50c each.

Strelitzia—Bird of Paradise Flower

Regina. A showy conservatory plant with dark green leathery foliage and interesting, orange and purplish blue flowers that always attract attention. 4-inch pots \$1.50 each; flowering size, 7-inch pots \$7.50 each.

Thunbergia

Erecta. A greenhouse shrub flowering almost the year round. Large, showy, deep purple flowers with orange-yellow throat. Most satisfactory for the window garden.

Harrisi. A splendid winter-flowering greenhouse climber with showy light blue flowers with creamy white throat.

Either of the above:

Strong plants 50c each; \$5.00 per doz.

Vallota—Scarborough Lily

Speciosa. An interesting South African bulb closely allied to the Amaryllis with large, funnel-shaped, bright scarlet flowers 3 inches across, produced in clusters of three or more on stout $2\frac{1}{2}$ to 3-feet high stems during summer and early autumn. Strong established plants \$1.50 each.

Purpurea. See Bulbs, page 162.



Vitis rhombifolia

Vitis—Grape Ivy

Rhombifolia. A graceful trailing vine with dark glossy green, trifoliate leaves. An excellent subject for house culture. Young plants, 3-inch pots 25c; 4-inch pots 75c each.

Popular BEDDING PLANTS for the Garden

These Bedding Plants will be sent by Parcel Post if you add 10% (15% west of the Mississippi) to the value for postage and special packing. Minimum charge 10 cents.

Antirrhinum © Snapdragon Large-Flowering Half-Dwarf

These are showy bedding plants which will bloom continuously from midsummer until frost. The varieties we offer are noted for the purity of their colors and their free flowering habit. They may be planted in beds for garden display or for cutting as they have fine long stems. Ready May 10.

Amber Queen. Bright chamois.
Empress. Velvety crimson.
Gloria. Deep rose.
Golden Queen. Rich yellow.
Peerless Pink. Shell pink.
Purity. Pure white.
15c each; \$1.50 per doz.



Snapdragon



Aster Giant California Sunshine

Asters—Giant California Sunshine

This is a new type of Asters forming vigorous plants which reach a height of 3 feet. They carry their interesting large blooms on long stiff stems. The individual flowers measure 4 to 6 inches in diameter with a thick, starry cushion surrounded by long, graceful ray petals.

Deep Rose	Light Blue
Flesh Pink	Purple
Lavender	Salmon-Pink

\$1.00 per doz.; \$8.00 per 100.
Ready May 1st.

Four Best Bedding Geraniums

The varieties which we offer here are all semi-double and they are the best of the many Geraniums in existence.

Alphonse Riccard. Showy blooms of bright vermilion-scarlet.
Beaute Poitevine. Gorgeous large salmon-pink blooms.
Mme. Recamier. An extra fine pure white.
S. A. Nutt. Rich dark crimson flowers of large size.
Any of the above: 25c each; \$2.50 per dozen.

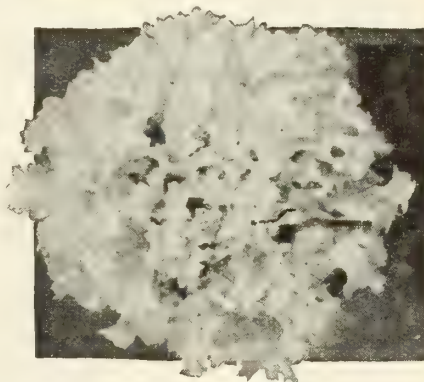
Gerbera, the Transvaal or Barberton Daisy, is offered on page 108.

Heliotrope—Cherry Pie

Royal Fragrance. A deliciously sweet-scented and wonderfully improved form of this old garden favorite with large trusses of light violet-blue flowers. 25c each; \$2.50 per doz.

Pennisetum—Fountain Grass (Ready May 1st)

Rueppelianum (Purple Fountain Grass). A tender ornamental Grass, valuable either as individual specimen in the garden or for massing, while as border plants for beds of Cannas or Caladiums nothing equals it. Grows about 3 feet high, producing long, graceful, green foliage and purplish plumes. 20c each; \$2.00 per doz.; \$12.00 per 100.



Double Fringed Petunia

Petunias (Ready May 1st)

Double Fringed Mixed (All Double). Selected from the finest double strains. 25c each; \$2.50 per doz.; \$15.00 per 100.

Dreer's Single Fringed Mixed. Our own strain of the finest large-flowering single fringed sorts of this useful bedding plant. It is invaluable for porch and window boxes, flowering continuously from early in the summer till frost.
15c each; \$1.50 per doz.

Salvia—Scarlet Sage

Splendens America. This is the finest of all the Scarlet Sages, being the earliest, freest, and most continuous bloomer. It also is the most uniform in habit of growth. Ready May 1st.
25c each; \$2.50 per doz.; \$15.00 per 100.

Zinnias—Youth and Old Age

Dreer's Double Dahlia-Flowered. An extra large-flowering strain of this popular summer-flowering annual, growing about 3 feet high. Mixed colors only.

Dreer's Double Pompon. Grow about 15 inches high, producing splendid small double flowers on long stems suitable for cutting. Mixed colors only.

New Chrysanthemum-Flowered Zinnia Fantasy

This new Zinnia brings to us a most delightful change in that the flower petals are gracefully curled and twisted in a manner that gives them an airy and artistic aspect quite different from any other Zinnia in existence. The blooms are of medium size and they are carried on fine long stems. The plants grow about 30 inches high and bear a great profusion of flowers which are as charming for garden display as for cutting. Mixed colors only.

Any of the above, ready May 1st:
15c each; \$1.50 per doz.; \$10.00 per 100.

These Bedding Plants will give you a showy garden with the least amount of work

Dreer's Large-Flowering CANNAS

Dormant Canna Roots

will be sent by Parcel Post if you add 10% (15% west of the Mississippi) to their value for postage and special packing. Minimum charge 10 cents. Green Plants are sent by Express.

Cannas bloom from early summer until frost in all sections of the country. They succeed in any sunny position and in any kind of soil, though they respond quickly to liberal treatment. For best results prepare the beds about 2 feet deep and include a quantity of well decayed manure. They require ample moisture throughout the growing season. All varieties have green foliage unless otherwise specified in the descriptions given below.

Three Most Popular Cannas

We are placing these three varieties ahead of the general list because they have proved to be the most popular with our customers as shown by the fact that they represent three-fourths of our entire Canna sales. The reason for their popularity is obvious as they are vigorous in the extreme, free flowering, and give universal satisfaction.

King Humbert. Great massive trusses of brilliant orange-scarlet flowers that form a striking contrast to the dark coppery bronze foliage. A vigorous grower 5 feet high.

The President. The greatest of all red Cannas — a brilliant, fiery, and intense scarlet. Extremely free flowering and wonderfully vigorous growing to a height of 5 feet.

Yellow King Humbert. As vigorous as King Humbert with bright yellow blooms dotted with bright red. It has rich green foliage and grows 4½ feet high.

Any of the above Three Most Popular varieties: 20c each; \$2.00 per doz.; \$12.00 per 100.

Twenty Selected Standard Cannas

These 20 varieties are leaders in their respective color classes. Every one has proved to be outstanding and gives entire satisfaction. All of them combine their large flowers into showy large flower trusses that bring a bright note into the garden.

Antoine Wintzer. Beautiful large trusses of an intense crimson-scarlet that glistens and scintillates in sunlight. 4½ feet.

Copper Giant. Immense madder red flowers with a suffusion of rose that gives a coppery red effect. 4 feet.

Eureka. This is by far the very best white Canna ever introduced. Has showy large trusses. 4½ feet.

General Merkel. A massive flower truss composed of scarlet petals with golden border. Making a magnificent display. 3½ feet.

Golden Eagle. Very desirable because it blooms early and most profusely. Bright golden yellow. 4 feet.

Hungaria. A great variety with beautiful clear rose flowers. Though old, still one of the most desirable. 3½ feet.

Jersey Rose. A charming variety with large trusses of a glossy clear old rose color. 3½ feet.

Louis Cayeux. Giant trusses of a brilliant rosy scarlet color. Very free flowering and particularly effective. 4 feet.

Mary Thilow. Delicate pale rosy salmon set against most attractive bronzy foliage. Always greatly admired. 4 feet.

Mrs. Alfred Conard. A very popular variety with glorious trusses of a bright salmon-pink color. 4 feet.

Mrs. Herbert Hoover. Giant Watermelon red flowers arranged on large trusses on a heavy and vigorous plant. 5 feet.

Pocahontas. Large deep rosy carmine blooms produced freely above the beautiful bronzy leaves. 4 feet.

Rosamund Coles. Deep reddish orange enhanced by a border of brilliant golden yellow. Vigorous and showy. 5 feet.

Rosea Gigantea. An old favorite with magnificent trusses of a stunning rich rose color. 4 feet.

Sungold. This glistens and scintillates in bright sunlight being a rich chinese orange with golden yellow border. 4½ feet.

The Ambassador. A wonderfully free flowering variety with brilliant red blooms set off by bronzy foliage. 5 feet.

Timbuctoo. A very bright yellow which does not fade in the sun. Blooms most profusely. 4 feet.

Triomphe. Brilliant bright crimson which is most effective. A variety that is extremely free flowering. 4 feet.

Uhlberg. A unique variety alone in its color—rosy crimson with creamy yellow markings. 3½ feet.

Wyoming. The rich bronze foliage is crowned by immense trusses of an intense rich orange color. A majestic Canna. 6 feet.

Any of the above 20 Cannas: 25c each; \$2.50 per doz.; \$15.00 per 100.



Dreer's Cannas in the New York Botanical Garden, Bronx Park, New York.

The Sensational Newer Canna

Mrs. Pierre S. duPont

Mrs. Pierre S. duPont has proved the most sensational of all newer Cannas and it is indeed most outstanding. Makes a striking display planted in beds or borders where the gorgeous brilliant flowers will present a charming effect. They are a vivid Watermelon pink which is pure and clean but at the same time it has a mellowness that will appeal to the gardener who objects to colors that are harsh and difficult to blend. 4 feet. 35c each; \$3.50 per doz.; \$25.00 per 100.

Hardy Climbing Plants

Hardy Climbing Plants are essential to give that cozy, private appearance to the home grounds. They are ideal for covering garden houses, verandas, and the porch to provide shade and seclusion. Our list includes many different kinds, some grown for their foliage only but others produce interesting and showy flowers during various times of the year.

Actinidia

Arguta (*Silver Vine*). A very desirable hardy Japanese climber of strong vigorous growth with dark green, shining foliage and greenish white flowers with purple centers which are followed by clusters of edible fruit of fig-like flavor. An excellent plant for covering arbors, trellises, etc., where a rapid and dense growth is desired. Strong plants 50c each; \$5.00 per doz.

Chinensis. A rare climber with large orbicular foliage of dark green on the upper surface, densely tomentose beneath, and when young thickly covered with bright red hairs which give it a beautiful velvety appearance. It bears attractive yellow flowers which are succeeded by edible fruit, the size of a walnut, with gooseberry flavor. Hardy south of Washington. \$1.00 each.

Ampelopsis

Engelmanni. ● A greatly improved variety of the Virginia Creeper with dense foliage of a glossy light green in summer, changing to a brilliant crimson in the autumn. On a rough stone surface it will cling without support in the same way as the Japanese Ivy. 35c each; \$3.50 per doz; \$25.00 per 100.

Lowi. ● A splendid variation from the popular Boston or Japanese Ivy, possessing all the merits of the parent, such as perfect hardiness and the ability to cling to the smoothest surfaces without support. Has much smaller, deeply cut foliage of a bright green color turning to red in the fall. 50c each; \$5.00 per dozen.

Quinquefolia (*Virginia Creeper or American Ivy*). ● The well-known climber so effective to cover trees, trellises, arbors, etc., in a thorough manner and in a short time. Deep green foliage changing to rich shades of yellow, crimson, and scarlet in the fall. 35c each; \$3.50 per dozen; \$25.00 per 100.

Tricolor (*Vitis heterophylla variegata*). △ A beautiful climber with dark green foliage wonderfully variegated with white and pink. Bears small berries of a peculiar lustrous metallic peacock-blue color in late summer and fall. A splendid variety for trailing over rocks or for a low trellis. 35c each; \$3.50 per dozen.

Veitchi (*Boston or Japanese Ivy*). ● The most popular climbing plant for covering brick, stone, or wooden walls, trees, etc. When it becomes established it is of very rapid growth and clings to the smoothest surfaces. The foliage is rich olive green during the summer changing to various shades of crimson and scarlet in the fall. 40c each; \$4.00 per doz.; \$30.00 per 100.

Akebia — Akebia Vine

Quinata. One of the most graceful of our hardy climbers, producing in early spring numberless bunches of violet-brown flowers which have a pleasant cinnamon odor. 35c each; \$3.50 per doz.

Aristolochia Siphon Dutchman's Pipe Vine

A vigorous and rapid-growing climber, bearing singular brownish-colored flowers, resembling a pipe in shape. Its flowers, however, are of little value compared to its light-green leaves, which are of very large size and retain their color from early spring to late fall. Perfectly hardy. Strong plants \$1.00 each.



Bignonia grandiflora

Bignonia Trumpet Creeper

Grandiflora. This is the beautiful large-flowered type of this easy-to-grow hardy climber. It has very large flowers of a tawny orange-red color produced continuously throughout the summer and early fall. 50c each; \$5.00 per doz.

Radicans. A very vigorous climber suited for covering unsightly places, stumps, rock work, or wherever a showy flowering vine is desired. Has dark red flowers with orange throat. It is perfectly hardy. 50c each; \$5.00 per doz.

Celastrus scandens Bitter Sweet or Wax Work

Attractive light green foliage and yellow flowers during June followed in the autumn by bright orange fruits. A quick growing native climbing plant. 35c each; \$3.50 per doz.



Large-Flowering Clematis

Clematis Large-Flowering

No other climbing plants enjoy the widespread popularity as the beautiful large flowering varieties of Clematis. They do well in a fertile, light, loamy soil which is well drained. They climb with ease and will grow more than 10 feet in height.

Duchess of Edinburg. Bears a profusion of elegant large, double, white blooms.

Henryi. The lovely large creamy white flowers are magnificent.

Jackmani. A universal favorite on account of its rich purple blooms.

Mme. Edouard Andre. Splendid large flowers of a bright rosy carmine color.

Any of the above: 75c each.

Clematis paniculata ● Japanese Virgin's Bower

A vigorous and showy climber with small dense foliage of a cheerful green color. During August and September the vines are covered by a great profusion of graceful pure white blooms which have a most deliciously sweet fragrance. Though the young growth may die back during severe winters new shoots will issue from the older wood. 30c each; \$3.00 per doz.; \$20.00 per 100.

Clematis montana undulata Anemone-Flowered Clematis

A strong and vigorous hardy climber with lovely large white blooms heavily shaded with mauve. Flowers during late April and May. The individual blooms measure 1½ to 2 inches across. Strong plants \$1.00 each.

Single plants of Climbers will be sent by parcel post if you add 10% (15% west of the Mississippi) to their value for postage and special packing. Minimum charge 10 cents.

Euonymus ●

These trailing varieties of Euonymus are particularly desirable as they have most attractive, dense, evergreen foliage which has proved entirely hardy. Some are splendid for ground covers and those of more vigorous habit may be used like Ivy for covering walls.

Radicans acutus. A strong growing variety with long, narrow, dark green leaves attractively veined with gray. Makes a splendid ground cover.

— **coloratus.** Similar to the above but the leaves are tinted purplish red particularly on the underside.

— **kewensis** △. A variety with very small dark green foliage. Of particular value in the rock garden.

— **variegatus.** A beautiful small-leaved variety of rich green color beautifully variegated with white.

— **vegetus** (Evergreen Bittersweet). A strong growing variety with larger leaves than the type. Splendid as a hardy evergreen wall cover.

Any of the above:

35c each; \$3.50 per doz.; \$25.00 per 100.

Humulus—Hop Vine

Lupulus. A useful climber of rapid growth bearing a profusion of seed pods suitable for many domestic purposes. 25c each; \$2.50 per doz.; \$15.00 per 100.

Ivy—Hedera

Baltic Ivy (*Hedera Helix baltica*). This has proved hardy as far north as Massachusetts where the generally grown type of English Ivy rarely stands the winter. 2½-inch pots 20c each, \$2.00 per doz.; 4-inch pots 75c each, \$7.50 per doz.

English Ivy (*Hedera Helix*). This is the most popular of all Ivies. It has proved hardy during average winters as far north as New York City. Thrifty young plants in 2-inch pots 15c each; \$1.50 per doz.; \$10.00 per 100. Large plants in 4-inch pots 50c each; \$5.00 per doz.

Miniature-Leaved English Ivy (*Hedera Helix gracilis*). Identical in habit with the English Ivy but with much smaller dark green foliage. It is a very graceful vine. Young plants in 2-inch pots 15c each, \$1.50 per doz.; 4-inch pots 50c each, \$5.00 per doz.

Hardy Jasmine Jasminum

Nudiflorum. A favorite climber for a sheltered position. Has beautiful, fragrant, yellow flowers in early spring. Hardy south of Philadelphia needing protection farther north. 35c each; \$3.50 per doz.

Stephanense. An interesting June-flowering climber giving a novel color in Jasmynes. The delicately sweet-scented blooms are deep rose. A strong and vigorous grower which is perfectly hardy around Philadelphia. Strong plants 75c each.

Lathyrus latifolius

Hardy or Perennial Pea

This well-known hardy climber grows to a height of 6 to 8 feet. It produces an abundance of showy flower clusters during the summer and fall.

Splendens. Deep rosy red flowers.

— **albus.** Lovely pure white blooms.

Either of these: 25c each; \$2.50 per doz.



Lonicera Halliana

Lonicera

Honeysuckle, Woodbine

Chinese Evergreen. Rich dark green foliage and fragrant variegated flowers in red, yellow, and white.

Halliana. Large, fragrant, white flowers turning to yellow. Hardy, almost evergreen, and profuse blooming.

Henryi. Has glossy, almost evergreen foliage and beautiful bronzy red flowers.

Japanese Variegated. Beautifully mottled foliage in green and yellow.

Any of the above: 35c each;
\$3.50 per doz.; \$25.00 per 100

Two Brilliant New Climbing Honeysuckles

Illustrated on Opposite Page

Sempervirens magnifica (New Ever-blooming Coral Honeysuckle). Beautiful tubular flowers of a striking orange-scarlet color. Blooms continuously from early June until October. Perfectly hardy. Strong pot-grown plants 50c each; \$5.00 per doz.; \$40.00 per 100.

Tellmanniana (New Honeysuckle, Golden Giant). A vigorous hardy climber with lovely, large, tubular blooms of an intense golden yellow tipped with bronzy red. Blooms profusely during June and is perfectly hardy. Strong plants \$1.00 each; \$10.00 per doz.

Pueraria—Kudzu Vine

Thunbergiana. The most rapid growing of all vines reaching a length of 50 feet or more in a single season. In our section the top growth dies down to the ground but new vigorous shoots appear the following spring. Has large, rich green foliage and small racemes of rosy purple pea-shaped blooms in August. 25c each; \$2.50 per doz.



Polygonum Auberti

Polygonum Auberti ●

Silver Lace Vine

This is a most desirable vine which is just becoming better known. It will make a strong vigorous growth attaining a height of 25 feet. The vines produce a great profusion of foamy white flower sprays during the fall and often they also bloom in a limited way earlier in the season. It is perfectly hardy around Philadelphia and is not troubled by any plant diseases. Does well in either sun or shade. Strong plants 50c each; \$5.00 per doz.

Wisteria

These are highly desirable hardy climbing plants which give a distinct Oriental appearance to any trellis or garden house to which they are trained. After once becoming established they will produce a great profusion of very showy pendulous clusters of blooms which appear early in the season before the leaves have fully expanded.

Sinensis. Illustrated in color on the opposite page. This is the most popular of all the Wisterias producing early in the spring thousands of pendulous clusters of delicate violet-blue blossoms. They have a rich perfume and give a most distinct appearance to any garden. Good strong 3-year old plants \$1.00 each.

— **alba.** Of the same strong growing habit as sinensis and as free blooming. The flowers, however, are a lovely pure silky white. Strong 3-year old plants \$1.00 each.

Venusta (Silky Wisteria). A free-flowering variety with grand racemes of white flowers. The young growth has a silky pubescent foliage which makes this variety very attractive. The individual blooms are about one inch long and they combine into racemes which measure 6 inches in length. It is a hardy variety and like most other desirable Wisterias it has come to us from China. Strong 3-year old plants \$1.00 each.

Four Showy Hardy Climbers

Blue Chinese Wisteria

Wisteria sinensis

This beautiful, free flowering Wisteria takes its place among the most showy of our hardy climbing plants. In addition to its great attractiveness it always delights the gardener because the branches are laden so early in the spring with the showy pendulous clusters of delicate violet-blue blossoms. Good strong 3 year-old plants \$1.00 each.



Wisteria sinensis—described above

New Everblooming Coral Honeysuckle

Lonicera sempervirens magnifica

A magnificent Honeysuckle with tubular flowers of a most intense but pleasing orange-scarlet color. The rich dark green foliage forms a splendid background to the blooms. The plants are of graceful strong habit and though vigorous they are compact and do not run out of bounds like so many other Honeysuckles do. Flowers continuously from early June until October. Strong pot-grown plants 50c each; \$5.00 per doz.; \$40.00 per 100.



Lonicera sempervirens magnifica



Lonicera Tellmanniana

New Honeysuckle—Golden Giant

***Lonicera Tellmanniana*.** A strong growing, new, hardy climber with large pale green leaves and long, giant, tubular flowers of an intensely rich golden yellow tipped with bronzy red. Blooms in June. Strong plants \$1.00 each; \$10.00 per doz.

Anemone-Flowered Clematis

***Clematis montana undulata*.** A strong, vigorous, hardy Clematis with lovely white blooms flushed mauve. Flowers in late April and throughout May. The individual flowers measure 1½ to 2 inches in diameter. Strong plants \$1.00 each.



Clematis montana undulata

Four Hardy Plants for Every Garden

Corchorus japonicus fl. pl. (Kerria)

The Beautiful Globe Flower

This is a particularly valuable shrub because it combines many showy features. The habit of the plant is most graceful and the light green serrated leaves add much to its beauty. From June to October the bushes are covered with attractive, double, golden yellow flowers which are unlike those of any other shrubs. But even during the winter the bright green stems add a distinctive note to the garden. The plants grow about 6 feet high. Pot-grown plants 50c each; \$5.00 per doz.; \$40.00 per 100.



Corchorus japonicus fl. pl.



Buddleia, Ile de France

New Buddleia Butterfly Shrub Ile de France

This beautiful new Buddleia is a most desirable summer-flowering shrub. It begins to bloom in July and continues until cut by severe frost. Grows into a splendid well-rounded bush 3 to 4 feet high and carries a great quantity of showy flower trusses thickly set with fragrant small blooms of a charming rosy violet-purple color. The popular name Butterfly Shrub refers to the fact that Buddleia attracts a great number of colorful Butterflies and on a sunny day it is not uncommon to see a dozen or more hovering around the flowers. Pot-grown plants 50c each; \$5.00 per doz.; \$40.00 per 100.

New Dwarf Hybrid Border Asters

These beautiful new Asters are bound to appeal to gardeners everywhere. They fill a long felt want in providing a race of dwarf, compact, free flowering plants which bloom during the fall when there is a scarcity of low growing flowering plants. They are ideal for borders or beds and their dwarf compact habit makes them most desirable for use in all but the smallest rock gardens. The picture below shows their splendid habit and profusion of blooms.

Countess of Dudley. Charming clear pink; late September; 9 inches high.

Lady Henry Maddocks. Light pink blooms in September; 12 inches.

Nancy. Well rounded bushes covered with light flesh pink blooms. Flowers toward the end of September; 12 in.

Ronald. Rose-pink buds followed by charming lilac pink flowers. Mid-September; 9 inches.

Snowsprite (Snow Fairy). Semi-double white blooms in early September. 10 inches.

Victor. Clear lavender blue flowers. Blooms in early September. 9 in.

Any of the above:
35c each;
\$3.50 per doz.;
\$25.00 per 100.



New Dwarf Hybrid Border Aster, Victor



Caryopteris mastacanthus superbus

A handsome and free flowering woody perennial plant of unusual appeal. Well branched, growing 2 to 3 feet high with long stems covered with showy whorls of attractive clear-colored flowers during September and October. Well adapted to cutting.

— Blue — Pink — White

Any color: 35c each; \$3.50 per doz.; \$25.00 per 100.
One plant of each color for \$1.00.

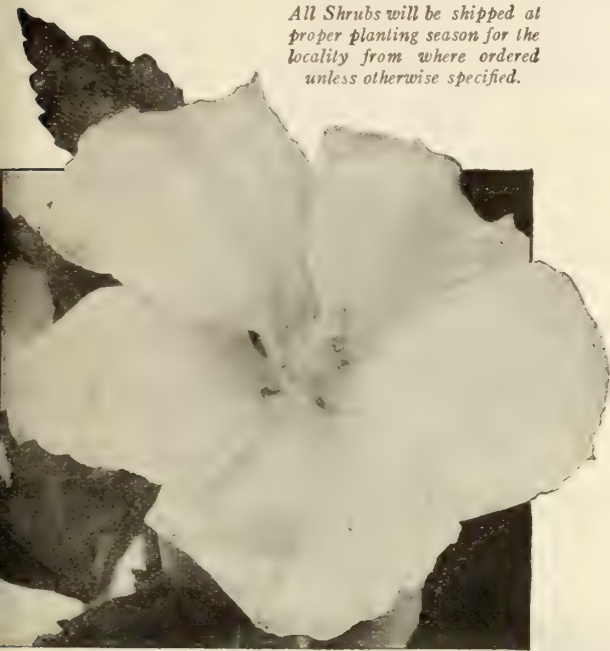
Seeds of the above, any color: Packet 25c.
One packet of each color 50c.

The set of 6 for \$1.75.

Dreer's Choice Hardy Shrubs

Shrubs are as much a part of the well balanced garden as a lawn or flower border. Many of them are as decorative as any ornamental foliage plants, while others are highly attractive on account of their flowers. In the well arranged shrubbery border there always will be something of interest no matter what the season of the year. They have many uses such as a dividing line between the flower and vegetable garden, or between the lawn and uncultivated land beyond; as a background to a flower garden; for hiding an unsightly fence or foundation. As height varies according to conditions we give the approximate height as follows: D=Dwarf (less than 4 feet high); M=Medium Tall (4 to 8 feet high); T=Tall (8 feet and taller).

All Shrubs will be shipped at proper planting season for the locality from where ordered unless otherwise specified.



Althea, William R. Smith

Althea—Rose of Sharon (T)

The Altheas are among the most valuable of our tall, hardy shrubs on account of their late season of blooming, which is from August to October, a period when but few shrubs are in flower. They are also extensively used as hedge plants.

Duchesse de Brabant. Beautiful double dark red flowers.

Jeanne d'Arc. Elegant double pure white blooms.

Lady Stanley. Semi-double deep rose blooms.

Rubis. A lovely single red variety.

Any of the above: 50c each.

William R. Smith. The glistening pure white single flowers are of giant size, fully 4 inches in diameter. They open out flat or salver-shaped quite different from the older types which only partially expand. These are produced in great profusion from early in June until late in September. 3 to 4 feet high. 75c each.

Hardy Azaleas ●

These two sorts are among the hardiest and showiest of the deciduous varieties. Evergreen varieties are offered on page 124.

Mollis (Chinese Azalea). (D) A deciduous variety of extreme hardness blooming before the leaves unfold. Splendid bushy plants in mixture of yellow and orange shades. 12 to 15 inches high, \$1.50 each.

Yodogawa (D). A gem, one of the first to bloom in early spring. Large semi-double lavender flowers of a shade entirely distinct from all other varieties. Strong plants, 18 to 24 inches high, \$3.00 each; \$30.00 per dozen.

Our shrubs are too heavy to be sent by mail and they are shipped by Express or Freight at purchasers' expense. No charge is made for packing or delivery to the Express, Freight, or Steamship lines in Philadelphia. The heights given are those of the plants when shipped to you.

Berberis—Barberry ● (M)

Thunbergi (Japanese Barberry). A beautiful variety with small foliage, assuming the most varied tints of coloring in the autumn. Has attractive scarlet berries which remain on the plant the greater part of the winter. Very desirable for grouping, particularly around the base of a porch or veranda to hide the foundation. Succeeds in sun or shade, and is the best hedge plant we know. Bushy plants, 18 to 24 inches, 35c each; \$3.50 per doz.; \$25.00 per 100.



Red-Leaved Japanese Barberry

New Red-Leaved Japanese Barberry Berberis Thunbergi atropurpurea (M)

Similar in all respects to the green-leaved Japanese Barberry which is so popular for mixing in the shrubbery border, as single specimens, or for planting in clumps on the lawn, as well as for foundation plantings and for hedges, but the foliage of this new variety is of a rich, lustrous, bronzy red similar to the richest red-leaved Japanese Maples. As the season advances this new Barberry becomes more brilliant and gorgeous and in the fall its foliage changes to shades of vivid orange, scarlet, and red.

All that is required to develop its brilliant coloring at all seasons is that it be planted in full exposure to the sun.

For other Berberies see pages 123 and 124.

	Each	Doz.	100
Strong plants, 15 to 18 inches high.	\$0 35	\$3 50	\$25 00
Strong plants, 18 to 24 inches high.	50	5 00	40 00
Strong plants, 24 to 30 inches high.	75	7 50	60 00

Buddleia—Butterfly Shrub or Summer Lilac

Ile de France (New). (D) This splendid new Buddleia is pictured in color and fully described on page 117. Grows into a well-shaped bush 3 to 4 feet tall and carries a mass of brilliant rosy violet-purple, fragrant flower-spikes. Pot plants, 50c each; \$5.00 per doz.; \$40.00 per 100.

We will supply all shrubs priced at 60c each for \$6.00 per doz.; \$45.00 per hundred



Callicarpa purpurea

Callicarpa—Beauty Berry

Purpurea. (M) A splendid berried shrub for the border or planted in clumps on the lawn. It grows about 4 feet high and its gracefully recurring branches are covered in August with tiny pink-tinted flowers, followed in late September by great masses of violet-purple berries which remain on the plant until mid-winter. All fall-berried plants are useful and attractive, and this is one of the most desirable. Strong plants, 2 to 3 feet high, 60c each.

Calycanthus—Sweet Shrub

Floridus. (M) An old favorite with most unusual chocolate-colored flowers in May. 2 to 3 feet high. 60c each.

Cercis—Judas Tree, Red Bud

Japonica. (T) A showy tall shrub or small tree. All the branches and twigs are covered with a mass of small rosy-pink flowers early in the spring before the leaves appear. 2 to 3 ft. high 75c each.

Japanese Flowering Cherries (T)

The display of Japanese Flowering Cherries at Washington, D. C., in early spring is one of the great sights of our national capital and annually attracts thousands of visitors.

These Cherries are among the earliest trees to flower coming into bloom early in April. The different single and double varieties extend the flowering season for fully four weeks, the attractive single-flowered varieties coming into bloom first, followed by the double sorts. They are perfectly hardy and will succeed in almost any location.

Erect Growing Cherries

Kofugen. Fine, double, deep pink; one of the best.

Mt. Fuji. Large double pure white flowers.

Naden (Snowslide). One of the prettiest double pinks. The petals are so numerous as to make the flower a perfect tuft.

Victory or Shirofugen. Very double, up to 2½ inches across, borne in racemes of about 3 each on long stems. The flowers open a delicate pink changing to white; late flowering.

Any of the above: Strong plants 4 to 5 feet high, \$2.50 each.

The collection of 4 varieties for \$9.00.

Weeping Cherries

Double Pink Weeping. A strong grower with deep pink flowers. Gives a splendid effect.

Rosea pendula. One of the most popular of the Japanese Weeping varieties, the earliest to bloom. Single light pink flowers.

Either variety: Strong 2-year crowns on good stems \$5.00 each.

Chionanthus—White Fringe

Virginica. (T) A tall growing, native shrub, blooming profusely in June. The singular flowers resemble bunches of white silken fringe hanging gracefully among the foliage. Strong plants, 3 to 4 feet high \$1.25 each.

Clethra—White Alder, Sweet Pepper Bush

Alnifolia. (M) One of the best of our native dwarf shrubs, bearing spikes of pure white, deliciously fragrant flowers, during July and August; 2 feet. 60c each.

Corchorus or Kerria—Globe Flower

Japonica fl. pl. (See color illustration on page 117). A particularly valuable shrub on account of its clean, graceful habit of growth and its free and continuous flowering. Produces attractive double golden yellow flowers continuously from June to October. Attains a height of about 6 feet. Pot plants 50c each.

Cornus—Dogwood

Florida (White Flowering Dogwood). The so much admired native white Dogwood. A large spreading ornamental shrub or small tree, producing large white flowers in spring. The attractive foliage turns to brilliant rich crimson early in the autumn. Bears rich red fruits. Strong plants, 3 to 4 feet high, \$1.50 each.

—**rubra (Red or Pink-Flowering Dogwood).** A splenoid rich rosy red form of the above. When planted near the preceding the two varieties make a wonderfully pleasing contrast in color. Has bright red berries. Strong plants, 3 to 4 feet high, \$2.50 each.

Lutea (Goldentwig Dogwood). A handsome shrub with beautiful distinct yellow bark. Splendid for winter effect. 3 to 4 feet high, 60c each.

Sibirica alba (Redbranched Dogwood). A quick grower with bright red bark and porcelain blue fruits. Gives a fine winter effect. 3 to 4 feet high, 60c each.

Desmodium

Penduliflorum (Purple Bush Clover). (T) A shrub which dies to the ground in winter, but comes up vigorously in spring, throwing up shoots 3 to 4 feet high, which bear during September, when few shrubs are in bloom, attractive sprays of bright rose-colored pea-shaped flowers. 60c each.



Deutzia gracilis lemoinei

Deutzia

Well-known profuse flowering shrubs, blooming in spring or early summer. They succeed well in any sunny position.

Crenata magnifica. (T) A most distinct variety with exceptionally large corymbs of pure white, double flowers, produced in wonderful profusion. The finest of the tall growing varieties. 3 to 4 feet.

—**rosea plena (Double-Flowering Deutzia).** (M) Double white flowers attractively tinged with pink. Very desirable, 3 to 4 feet.

Gracilis. (D) A favorite dwarf bush covered with spikes of pure white flowers in early summer. 1½ to 2 feet.

—**rosea.** (D) A rose-tinted form of this favorite species. 1½ to 2 feet.

Lemoinei. (D) Without doubt one of the very best dwarf hardy shrubs. Flowers very large and produced in cone-shaped heads of purest white, which open out very full. 1½ to 2 feet.

Any of the above *Deutzias*: 60c each.

Elsholtzia—*Mintshrub* ●

Stauntoni. (M) A particularly valuable shrub because it flowers in September and October. It grows about four feet high. Of bushy branching habit, each branch terminated by a dense 4 to 8 inch long spike of attractive deep lilac colored flowers. Strong plants, 2 feet high, 60c each.

Euonymus

Alata (*Corkbark*). (M) A shrub different in character from others, having an individuality of its own. It is particularly ornamental and interesting on account of its curious corky bark. The small yellow flowers of the spring are followed by attractive red berries in the fall. It is also valuable on account of its bright scarlet autumn foliage which makes it very conspicuous in the fall. Strong plants, 2 to 3 feet high, 75c each.

Europaeus (*Burning Bush*). (T) A conspicuous shrub loaded in autumn and winter with scarlet seed-pods from which orange colored berries hang on slender threads, 3 to 4 feet high, 75c each.

Forsythia—*Golden Bell* ●

Spectabilis. (M) Has very large golden yellow flowers completely covering the stems early in the spring.

Suspensa (*Weeping Golden Bell*). (T) A tall shrub of willowy growth. Graceful branches arching with golden bells in early spring.

Viridissima (*Golden Bell*). (M) Strong erect habit; bright yellow bell-like flowers in early spring.

Any of the above: 3 to 4 feet high, 60c each.

Halesia—*Silver Bell, Snowdrop Tree* ●

Tetraptera. (T) A most desirable tall shrub with pretty bell-shaped snowdrop-like white flowers in May. 3 feet high, 75c each.

Hydrangea—*Hardy Shrubby Hydrangea* (M)

Arborescens grandiflora (*Snowball Hydrangea*). ● This magnificent, perfectly hardy American shrub has snow-white blossoms of largest size. One of its most valuable characteristics is its coming into bloom just after the passing of all the early spring-blooming shrubs, flowering from early June until late July. 2 to 3 feet high, 60c each.

Paniculata grandiflora. Without doubt the best known and most popular summer-flowering shrub in cultivation. The flowers are borne profusely in dense pyramidal panicles a foot long. They are white when first opening, but gradually change to rose color, and remain in good condition for weeks. Fine bush plants, 2 to 3 feet high, 60c. each.

Standard or Tree-shaped plants which make beautiful specimens for the lawn or garden \$1.00 each.



Kolkwitzia amabilis—Beauty Bush

Kolkwitzia amabilis—*Beauty Bush* (M)

An exceedingly handsome shrub from China. It has long, arching branches and resembles the Weigela to which it is related. This variety combines all the merits of a perfect shrub—hardiness, year-round beauty of foliage, good habit, and profusion of pale pink bell-shaped flowers in June. Strong plants 2 to 3 feet high, 60c each.

Ligustrum—*Privet* ● (M)

Ovalifolium aureum (*Golden-Leaved Privet*). A beautiful golden variegated form and very effective for associating with other shrubs. Bushy plants, 2 feet high, 60c each.

Ovalifolium (*California Privet*) for Hedge, see page 123.

Lilacs, see *Syringa*, page 122.

Lonicera—*Bush Honeysuckle* (M)

Fragrantissima (*Winter Honeysuckle*). A half-evergreen variety with fragrant white flowers during April and May. 2 to 3 feet high.

Grandiflora rosea. ● Rosy red flowers, striped white; June. 3 ft.

Morrowi. ● A handsome Japanese variety with white flowers during May, but especially valuable for its bright red fruit during the summer and autumn months. 3 feet high.

Any of the above: 60c each.

For Climbing Honeysuckle, see pages 115 and 116



Magnolia soulangeana

Magnolia

Soulangeana. (T) A hardy Chinese species which, while shrub-like in its young growth, attains the size of a tree in time. Its flowers, which are produced early in spring, are cup-shaped, 3 to 5 inches in diameter. They are white inside, flushed with purple outside. Bushy plants, 3 to 4 feet high. \$4.00 each.

Stellata (*Star Magnolia*). (M) The earliest to flower. A dwarf species forming a symmetrical rounded bush 8 to 10 feet high producing pure white, delicately scented, semi-double, gracefully formed, attractive flowers about 3 inches in diameter. They appear in very early spring before the foliage develops. Strong plants 2 to 3 feet high. \$4.00 each.

Malus—*Flowering Crab Apple* (T)

The Flowering Crabs are among the showiest of the dwarf flowering trees in our American gardens. The blossoms open slowly but last for a long time when fully open. Planted as individual specimens they make a gorgeous display early in the spring.

Atrosanguinea (*Carminé Crab*). A very showy variety of informal habit. Has lovely large red buds which open up into showy deep pink flowers. Blooms very profusely.

Ioensis plena (*Bechtel Crab*). Large, double, fragrant, pinkish flowers resembling miniature Roses. Of neat symmetrical habit and blooming later than most other kinds.

Parkmani (*Parkman Crab*). Semi-double pink flowers on long stems. Of good, compact habit.

Any of the above: Strong plants, 3 to 4 ft. high, \$1.25 each.

Red-Leaved Japanese Maple

Acer polymorphum atropurpureum. (M) The most conspicuous of the medium-sized shrubs or small trees. Their beautiful shape and brilliant red foliage add color and variety to the landscape during spring and early summer. Strong plants, 18 to 24 inches high, \$2.50 each.

Nandina domestica—*Chinese Bamboo* (D)

A very handsome small shrub, hardy as far north as Philadelphia. Grows about three feet high and has graceful, light green foliage which turns to a most attractive bronzy red early in the fall. The small white flowers are produced in good-sized erect panicles in spring and they are followed by crimson berries. Pot-grown plants 2 feet high, 75c each.



Philadelphus Girandole

Philadelphus—*Mock Orange* ● (M)

Popular old-fashioned shrubs with showy white flowers during May or June. They succeed in almost any location.

Conquete. Large single flowers in clusters of 3 to 5, completely covering the plant. 2 to 3 feet high.

Girandole (New). Plants of excellent habit of growth, very free flowering with exceptionally well formed, double flowers in dense trusses. 2 to 3 feet high.

The Banner. A hybrid variety forming a shapely shrub with very large single flowers. One of the most desirable. 4 feet high.

Virginal. Flowers 2 inches in diameter, that completely cover the branches in May and early June, slightly fragrant, one of the most desirable. 3 to 4 feet high.

Any of the four *Philadelphus*: 60c each.

Prunus—*Flowering Almond and Plum*

Japonica fl. pl. (Double-Flowering Almond). (M) A beautiful shrub, producing its showy double flowers early in May before the leaves appear. We can supply both white and pink. 3 to 4 feet high.

Pissardi (Purple-Leaved Plum). (T) A dwarf tree covered with single white flowers in spring. When they first appear the leaves are a lustrous crimson, changing to a rich purple. 3 to 4 feet high.

Triloba (Double-Flowering Plum). (M) An interesting shrub of medium height, bearing in early spring semi-double, delicate pink flowers over an inch in diameter. 3 feet high.

Any of the above: 75c each.

Pyrus—*Cydonia or Japanese Quince*

Japonicus. (M) A very showy and popular shrub growing to medium height and blooming profusely in early spring. Has dazzling scarlet blooms of large size. Makes an excellent hedge. Strong plants 2 feet high, 60c each.



Rhodotypos kerrioides

Rhodotypos—*White Kerria* ●

Kerrioides. (M) A very ornamental Japanese shrub of medium size. Succeeds well in sun or shade. Pretty, rich green foliage, large single white flowers the latter part of May, and black berries. 2 to 3 feet high, 60c each.



Rhus typhina laciniata

Rhus—*Sumac* (T)

Cotinus (Purple Mist or Smoke Tree). A most attractive shrub planted as a single specimen or in the mixed border, forming a large shrub which in mid-summer is covered with large clusters of feathered flowers giving the appearance of a cloud of smoke or mist. 2 to 3 feet high.

Typhina laciniata (Cut-Leaved Staghorn Sumac). The leaves are beautifully cut like a delicate Fern and in fall assume the most brilliant colors. This combined with its showy clusters of crimson fruit makes it a most valuable subject either as a single specimen or for mass planting. 3 feet high.

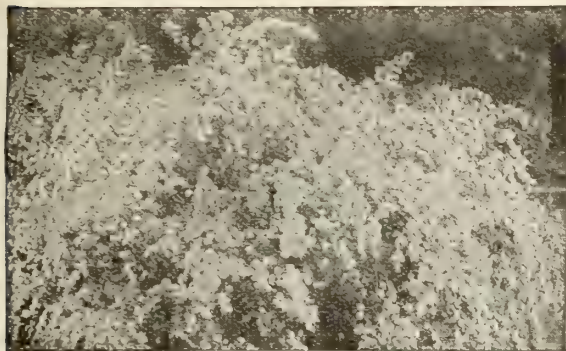
Strong plants of either of above: 75c each.

Robinia—*Rose Acacia*

Hispidia. (M) A quick-growing shrub of great beauty. Has loose racemes of beautiful large pink flowers in June. Gives a magnificent effect. 2 to 3 feet high, 75c each.

Sambucus—*Elder*

Nigra aurea (Golden Elder). (T) One of our very finest shrubs with beautiful yellow foliage. The color is remarkably bright, rich, and constant. It gives a splendid contrast in the shrubby border and is of good strong growth. 3 to 4 feet high, 60c each.



Spiraea Van Houttei

Spiraea

- Billiardi.** (T) Tall growing. Pink flowers in late summer. 3 to 4 feet high.
- Bumalda, Anthony Waterer.** (D) A valuable variety; color bright crimson. It is of dwarf, dense growth, never exceeding 30 inches in height; in bloom during the entire summer season. 2 feet high.
- Prunifolia fl. pl.** (*Double Flowering Bridal Wreath*). (M) A favorite variety and one of the best; it is a beautiful shrub of medium size with double white flowers in May. 3 to 4 feet high.
- Thunbergi.** (D) One of the most charming of all low-growing shrubs, with fine delicate foliage, and a profusion of small white flowers in spring. 2 to 3 feet high.
- Van Houttei.** (M) The grandest of all the white Spiraeas; it is of compact habit and a beautiful ornament for the lawn at any season, but when in flower it is a complete fountain of white blooms, the foliage hardly showing. 3 to 4 feet high.

Any of the above Spiraeas: 60c each.

Stephanandra

- Flexuosa.** (M) Of graceful fountain-like habit with finely and delicately cut leaves which in the autumn assume brilliant reddish tints. The flowers are creamy white. 3 to 4 feet high, 60c.

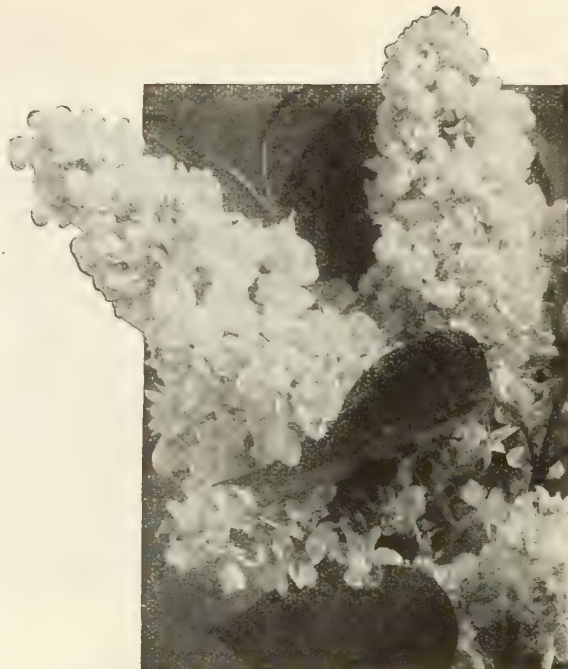
Symphoricarpos—Snowberry ● (M)

- Chenaulti.** This is the choicest of the red Snowberries. It is by nature a very graceful shrub growing into a shapely plant about 3 feet high and 5 feet in diameter. Has small foliage. Bears in the fall an abundance of deep pink fruits. 3 to 4 feet high, 60c.
- Racemosus** (*White Snowberry*). A well-known dwarf shrub with small pink blooms and large white berries that hang on the plants the greater part of the winter. 3 feet high, 60c each.

Lovely Berry-Bearing Shrubs

Many of our customers will be interested in these splendid berry-bearing shrubs. Those marked with a star (*) are liked by one or more kinds of birds.

- Berberis thunbergi** (Barberry), page 118.
- **atropurpurea** (Red-Leaved Barberry), page 118.
- Callicarpa purpurea** (Beauty Berry), page 119.
- ***Cotoneasters** (Rockspray), various, page 125.
- ***Cornus** (Dogwood) various, page 119.
- Euonymus alata** (*Corkbark*), page 120.
- *—**europaeus** (Burning Bush), page 120.
- ***Lonicera Morrowi** (Bush Honeysuckle), page 120.
- Malus atrosanguinea** (Carmine Crab), page 120.
- **Ioensis plena** (Bechtel Crab), page 120.
- **Parkmani** (Parkman Crab), page 120.
- Nandina domestica** (Chinese Bamboo), page 121.
- Pyracantha coccinea Lalandi** (Firethorn), page 125.
- Rhodotypos kerrioides** (White Kerria), page 121.
- ***Symphoricarpos** (Snowberry) various, page 122.
- ***Viburnum opulus** (High Bush Cranberry), page 125.
- **rhytidophyllum**, page 125.



Double-flowering Syringa or Lilac—Mme. Marie Lemoine

Syringa—Lilac

Lilacs are most desirable shrubs as they give a magnificent display of flowers during the spring. We offer own-root plants which have proved most satisfactory. Always mix a considerable quantity of hydrated lime with the soil when planting Lilacs besides giving yearly heavy top dressings of lime.

- Common Purple** (*Syringa vulgaris*). (T) The old fashioned fragrant favorite. 3 to 4 feet high, 60c each.

- Common White** (*S. vulgaris alba*). (T) Fragrant white flowers borne profusely on vigorous plants. 3 to 4 feet high, 60c each.

- Charles X.** (T) A strong, rapid growing variety with large shining leaves and rather loose trusses composed of large, single, reddish purple blooms. 2 to 3 feet high.

- Japonica.** (T) An elegant Japanese species eventually growing into a good sized tree. Creamy white blooms in large panicles produced a month later than other varieties. 3 to 4 feet high.

- Josikaea** (*Hungarian Lilac*). (M) A distinct species of stout erect growth with dark shining leaves and beautiful showy purple flowers. The bushes are in bloom in late June. 3 to 4 feet high.

- Mme. Marie Lemoine.** (T) The finest double white Lilac. The individual flowers which resemble miniature tuberoses are of immense size. They are delicately scented. The individual flower trusses are exceptionally large yet well proportioned. Splendid for garden display and for cutting. 2 to 3 feet high.

- President Grevy.** (T) Double purplish blue flowers in massive trusses. 2 to 3 feet high.

- William Robinson.** (T) A very double Lilac with crimson-pink buds opening into a beautiful deep violet-pink. 2 to 3 feet high.

Any of the above except where noted: \$1.00 each.

Tamarix—Tamarisk

- Africana.** (T) A tall-growing slender shrub of rather irregular form which adds to its artistic value. Has fine small feathery foliage. The branches are completely covered by a mass of delicate pink blooms during May, before the foliage appears. A very valuable and unique shrub. 3 to 4 feet high.

- Hispida aestivalis.** (M) A distinct Tamarix covered with delicate soft pink sprays of flowers during July and August—a time when the shrubby border is comparatively bare of flowers. 2 to 3 feet high.

- Indica.** (T) Pale pink flowers in late summer and autumn. A very strong grower with long, slender racemes. 3 to 4 feet high.

Any of the above: 60c each.

Shrubs will vary in height according to local conditions but their approximate height is as follows: D=Dwarf (less than 4 feet high); M=Medium Tall (4 to 8 feet high); T=Tall (8 feet and taller).



Viburnum Carlesi

Viburnum — Snowball (M)

Carlesi (*Fragrant Viburnum*). The rare Korean *Viburnum* which is entirely distinct. Salver-shaped sweet-scented flowers of a delicate rose tinted white, passing to white. Produced in May in terminal sub-globose cymes 2 to 3 inches in diameter. A most desirable shrub. Good bushy specimens, 2 feet high. \$1.00 each.

Opulus (*High Bush Cranberry*). ● White flowers in June followed in autumn by bright scarlet berries which are very attractive until very late in winter. 3 feet high 75c each.

— **sterilis** (*Common Snowball or Guelder Rose*). ● The popular white Snowball, covered with large pendant balls of white flowers in May. 2 to 3 feet high 75c each.

Plicatum (*Japanese Snowball*). One of the choicest hardy shrubs. Has healthy dark foliage. The perfect balls of pure white flowers are borne in great profusion in May. 2 to 3 ft. 75c each.

For *Viburnum rhytidophyllum*—see page 125.



Vitex macrophylla

Vitex — The Rare Chaste Tree (T)

Macrophylla. Those who desire an unusual yet most desirable shrub will find this beautiful graceful plant to their liking. It produces an abundance of attractive lavender-blue flowers arranged in showy terminal spikes at the end of every branch. Blooms in July and continues until frost. Grows more than 10 feet high and makes a uniform spread. It can be pruned to form equally shapely bushes to any height from 3 to 4 feet upwards. Strong plants 15 to 18 inches high 75c each; \$7.50 per doz.

Weigela — Diervilla (M)

Eva Rathke. Flowers continuously during most of the summer and autumn. Rich ruby-carmine blooms. 3 feet high.

Rosea. Soft rosy carmine. Very profuse blooming. 3 to 4 feet high.

— **nana variegata**. Showy variegated foliage, a mottling of green, yellow, and pink. Delicate rose colored flowers. 3 to 4 feet high.

Any of the three Weigelas: 60c each.

HEDGE PLANTS—Barberry—Privet—Boxwood



Hedge of *Berberis Thunbergi*

Berberis Thunbergi (*Japan Barberry*). (M) Where a dwarf deciduous hedge is wanted, nothing equals this beautiful Barberry. Requires but little pruning to keep in shape. The leaves are small, light green, and towards fall assume rich, brilliant colors, the fruit or berries becoming scarlet. Absolutely hardy in all parts of the country. Plant 12 to 15 inches apart.

Extra strong 3-year-old plants, 18 to 24 inches, 35c each; \$3.50 per doz.; \$25.00 per 100.

For *Red-Leaved Barberry*—see page 118.

For *Evergreen Barberries*—see page 124.

California Privet—*Ligustrum ovalifolium* (T)

Of all hedge plants this is the most popular, and more of it is planted than all others combined. It is of free growth and succeeds under the most adverse conditions, such as under dense shade of trees, where other plants would not exist. Strong plants, 18 to 24 inches high, \$1.25 per doz.; \$8.00 per 100; \$75.00 per 1000.

Privet — Golden Leaved (T)

Ligustrum ovalifolium aureum

A beautiful golden yellow variegated form of the common California Privet and equally hardy. Valuable as an individual specimen. May be planted in clumps or in the mixed shrub border, its golden foliage forming a desirable color relief.

Strong Plants, 18 to 24 inches high,
\$2.50 per doz.; \$15.00 per 100.

Boxwood for Edging (*Buxus suffruticosa*) (M)

Fine bushy plants in following sizes:

4 to 6 inches high, \$2.50 per doz.; \$15.00 per 100.

6 to 8 inches high, \$3.00 per doz.; \$20.00 per 100.

8 to 10 inches high, \$4.50 per doz.; \$35.00 per 100.

For *Boxwood specimens*—see page 124.

Hardy Evergreen Flowering Shrubs

The hardy evergreen flowering shrubs are so named because they hold their rich green foliage throughout the winter. Many of them are shade loving as indicated by ☉. They are ideal for foundation planting, while the gorgeous blooms and color mass of many of these species are not equaled by any other outdoor plant. They look well planted by themselves or in combination with coniferous evergreens or other shrubs, always adding a cheery touch to the garden in winter. The symbols are: D=Dwarf (less than 4 feet high); M=Medium Tall (4 to 8 feet high); T=Tall (8 feet and taller).

Abelia chinensis grandiflora (D)

A choice small shrub of graceful habit, producing through the summer and fall abundant clusters of bell-shaped white flowers flushed with pink. Plants from 4-inch pots, 50c each.

Andromeda—Pieris ☉

Japonica. (D) An evergreen, compact growing shrub with small dark green foliage and long panicles of dull bronzy red buds which appear during the summer and are attractive during the entire winter, opening into white flowers in spring. Requires an acid soil. Bushy plants, 15 to 18 inches high, \$1.50 each.



Hardy Azalea

Hardy Evergreen Azaleas ☉

These varieties are the hardiest and most desirable for general garden planting. Until thoroughly established it is beneficial to give them a heavy mulch of leaves during the winter and a loose covering of evergreen branches to protect them from the sun and drying winds during freezing weather. They require an acid soil.

Amoena. (D) A nearly evergreen variety with bright rosy purple flowers in great masses. Each Doz.
12 to 15 inches in diameter.....\$1 00 \$10 00
15 to 18 inches in diameter.....1 50 15 00
18 to 24 inches in diameter.....2 00 20 00

Hinamayo. (D) A meritorious variety, resembling Hinodegiri in general habit, except in color which is a delicate clear soft shade of rose-pink. Also has smaller foliage. Bushy plants 15 to 18 inches in diameter, \$2.50 each; \$25.00 per doz.

Hinodegiri. (D) The most popular variety with dense clusters of bright fiery red flowers. Each Doz.
8 to 10 inches in diameter.....\$1 00 \$10 00
10 to 12 inches in diameter.....1 50 15 00
12 to 15 inches in diameter.....2 00 20 00
15 to 18 inches in diameter.....2 50 25 00

Ledifolia alba. (M) A robust growing sort with heavy mat green foliage and large pure white flowers. 18 to 24 inches high. \$2.50 each; \$25.00 per doz.

Pink Pearl. (D) Beautiful salmon-rose flowers in large full trusses.

	Each	Doz.
12 to 15 inches diameter.....	\$2 50	\$25 00
15 to 18 inches diameter.....	3 00	30 00

For other Azaleas, see pages 104, 105, and 118.

Our Evergreen Flowering Shrubs are too heavy to be sent by mail and are shipped by Express or Freight at purchaser's expense. No charge is made for packing or delivery to Express, Freight, or Steamship lines in Philadelphia. The heights given are those of the plants when shipped to you.

Three Choice Evergreen Barberries

These beautiful rare Barberries are among the best and hardiest of our evergreen shrubs. To the plant lover who is looking for something different whether for single specimens or group planting they cannot be too highly recommended. From the long list of varieties recently introduced we offer these three distinct varieties.

Julianae. (M) Deep green leaves and black fruits.

Triacanthophora (*Threespine Barberry*). (D) An unusual type from China. Has narrow toothed leaves. Very graceful.

Verruculosa. (D) △ Small shiny green leaves. Of compact growth and ideal for the rockery. Blue-black fruits.

Strong pot grown plants, \$1.25 each; \$12.50 per dozen.

For other Barberries see pages 118 and 123.



Boxwood—*Buxus sempervirens* (T)

Select Eastern Grown Stock

Very valuable hardy evergreen shrubs with thick, rich green, leathery foliage. Suited for well-drained soil and partial shade. Extensively used for hedges, edgings, etc. Stand pruning well.

Pyramidal-Shaped Boxwood

	Each
24 in. high.....	\$2 50
30 in. high.....	3 50
36 in. high.....	5 00
42 in. high.....	7 50

Globe or Ball-Shaped

	Each
15 in. diameter.....	\$2 50
18 in. diameter.....	4 00
21 in. diameter.....	5 00
24 in. diameter.....	6 00

Bush Form

	Each
12 in. high.....	\$1 00
18 in. high.....	2 50
24 in. high.....	4 00

Boxwood Edging—*Buxus suffruticosa* (D)

	Doz.	100
Bushy plants		
4 to 6 in.....	\$2 50	\$15 00
6 to 8 in.....	3 00	20 00
8 to 10 in.....	4 50	35 00

Cotoneaster — Rockspray, Quinceberry

Very ornamental shrubs with decorative fruits remaining usually throughout the winter. The dwarf varieties are nearly evergreen and while especially adapted for rockery plantings are equally effective planted in clumps in front of the shrubbery border or mixed with the dwarf broad-leaved evergreens.

Francheti. (T) Tall, upright, densely branched shrub with spreading semi-evergreen branches. Orange-red fruit.

Horizontalis. △●(D) A low growing shrub with almost horizontal branches. Small shiny green leaves and orange-red berries produced in great quantity. One of the most effective evergreen plants for rockery or border planting.

Praecox. (D) A new Chinese variety with glossy foliage and large red berries by the end of June.

Salicifolia floccosa. (T) A large growing shrub of graceful habit and with willow-like foliage. Bright red fruits extending well along the branches.

Pot-grown plants, 75c each; \$7.50 per dozen.

Daphne cneorum — Garland Flower ● (D)

A pretty, dwarf, spreading shrub from 6 to 8 inches high, valuable for the rockery or for the front of the border, producing beautiful bright pink, sweet-scented flowers early in May.

Strong four-year-old plants. \$1.00 each; \$10.00 per doz.

Erica — Heath ● (D)

Most of these Heaths are compact, low-growing, and extremely useful for rockeries. The small foliage is densely arranged around the wiry stems, and either in full bloom or in mid-winter they make a very pretty picture. Give some protection the first winter to acclimatize them.

Vagans (*Cornish Heath*). A compact growing evergreen shrub with lovely dark green foliage of quite small size. The pale purplish red flowers are borne profusely during August and September. Splendid for the semi-shaded rock garden.

Vulgaris (*Calluna vulgaris*). This is the famous **Scotch Heather**. Forms a dense low growing shrub 3 feet high covered with pretty, bell-shaped, rosy lavender blooms.

— **alba.** The white Scotch Heather.

— — **aurea.** A very beautiful form with golden leaves.

— **rubra.** Admired for its rosy carmine flowers.

Strong plants of any of the above: 60c each.

One each of the five Erica varieties \$2.50



Osmanthus aquifolium

Osmanthus (M)

Holly Osmanthus

Aquifolium. A very beautiful and strong growing evergreen shrub with thick, leathery, substantial, dark green foliage which has a great resemblance to the leaves of Holly. They are shiny and spiny toothed. It is very attractive not only in the summer but particularly during the winter months. Well suited for planting in the mixed shrubbery border or by itself. Grows into a shapely bush usually measuring from 5 to 8 feet in height. Strong plants 18 to 24 inches high, \$1.50 each.

Pyracantha (T)

(*Crataegus*)

Fire Thorn

Coccinea Lalandi.

A most remarkable fruiting evergreen shrub growing more than 6 feet high. Bears attractive large trusses of white flowers during the late spring and these are followed by an abundance of brilliant orange-scarlet berries which remain way late into the winter. Easy to grow, thriving in a sunny situation and most attractive for training against a sunny wall. A real choice new shrub which is perfectly hardy and most attractive. Strong 6-inch pot plants \$1.00 each.



Hardy Rhododendron

Hybrid Rhododendrons ● (M)

The handsomest and most effective of the broad-leaved evergreens. Rhododendrons will succeed in any light or friable garden soil. If a heavy clay soil must be used, incorporate a liberal amount of leaf mold or well decomposed cow manure, digging the beds about 2 feet deep. Mulch the beds during the summer with any loose material, and protect in winter with 4 or 5 inches of leaves. Evergreen boughs between the tops of the plants during winter is desirable to break cold, driving winds and to protect from the sun's rays in very early spring.

Catawbiense album. Beautiful white flowers.

— **grandiflorum.** Lovely rosy lavender blooms.

Dr. H. C. Dresselhuys. Brilliant aniline red flowers.

Everestianum. A magnificent rosy pink.

Mrs. C. S. Sargent. Beautiful deep rose.

Roseum elegans. Bright rosy purple flowers.

Any of the above choice varieties:

First Size. 4-year-old bushy plants, 18 to 24 inches high, set with flower buds \$4.00 each.

Second Size. 3-year-old bushy plants, 12 to 15 inches high, \$2.00 each.

Evergreen Viburnum (M)

Rhytidophyllum. A rare variety, particularly attractive on account of its large, dark green, nearly evergreen foliage. The yellowish white flowers are followed in September by red berries finally turning black. Specimen plants, \$1.50. Strong young plants 75c each.

For other Viburnum varieties, see page 123.

Choice Hardy Evergreens

The coniferous evergreens are indispensable in all ornamental plantings. They impart a finish to the landscape by their quaint or symmetrical growth, and whether planted as single specimens on the lawn or grouped together in mass or for foundation plantings their foliage no matter what color gives a beautiful effect in summer and winter alike.

Abies concolor (*White Fir*). The most beautiful of all the Firs, for all locations. Forms a broad pyramidal tree with gray-green needles. Plants 18 to 24 inches high, \$1.75 each.

***Biota aurea nana** (*Berkman's Golden Arborvitae*). A dwarf gem. Compact, oval shape, warm golden yellow foliage; especially good for formal work and edging. Plants 15 to 18 inches high, \$1.25 each.

*— **orientalis elegantissima** (*Yellow Column Arborvitae*). A golden pyramidal form of compact habit assuming a rich deep golden bronze during winter. 2½ to 3 feet high. \$1.50 each.

***Chamaecyparis filifera** (*Thread Cypress*). The long thread-like branches are very pendulous, with the lateral shoots of a consistent bright green. Plants 18 to 24 inches high, \$1.00 each.

Cryptomeria japonica Lobbii (*Cave Cryptomeria*). Forms a narrow irregular column. Compact and picturesque with rich bronze winter coloring. Plants 3 to 4 ft. high, \$2.50 each.

Juniperus chinensis columnaris (*Pyramidalis*). Rapid growing; bluish green, mostly needle-shaped foliage. Attains a height of 15 to 20 ft., giving spire-like effect. Plants 2 to 3 ft. high, \$1.50 each.

*— **Pfitzeriana** (*Pfitzer Juniper*). Wide-spreading habit with gray-green foliage; very hardy and adaptable. For exposed positions and foundation plantings. Plants 18 to 24 inches high, \$1.25 each.

*— **communis hibernica** (*Irish Juniper*). ● A slender Evergreen of bluish green color; useful for its spire-like effect and is also very inexpensive. Plants offered are dense and compact having been sheared repeatedly. Plants 2 to 3 feet high, \$1.00 each.

*— **depressa plumosa** (*Plumed Spreading Juniper*). Rapid growing, dwarf, very hardy. Rich purple bronze during the winter. Likes full sun. 18 to 24 inches high. \$1.50 each.

*— **sabina** (*Savin Juniper*). Very popular semi-spreading Evergreen forming irregular vase-shaped plants. Frequently used in foundation plantings and considered one of the best varieties. Plants 18 to 24 inches high, \$1.25 each.

— **Schottii** (*Schott Red Cedar*). Similar to the common Red Cedar in habit and form but differs principally in its light yellowish green color which it retains throughout the winter. Stands shearing well. 18 to 24 inches high. \$1.50 each.

— **virginiana glauca** (*Silver Red Cedar*). Dense pointed columns of a beautiful steel blue color. Plants offered are grafted from the original strain and are sure to please. Attains best perfection when sheared frequently. Plants 2 to 3 feet high, \$2.00 each.

*— **squamata Meyer** (*Meyer's Juniper*). △ A newer Evergreen of conspicuous merit. Beautiful, deep blue foliage combined with rather irregular and slow growth makes this Evergreen particularly suited to the rockery or low foreground planting. Plants 18 to 24 inches high, \$1.50 each.

***Pinus montana mughus** (*Dwarf Mugho Pine*). △ Compact dwarf pine, forming a round topped clump; useful for rock planting and foundation work. Its shape was produced by growing for countless ages on the timberline where bleak exposure and snows developed a low, compact, rugged plant. Plants 15 to 18 inches high, \$1.50 each.

— **nigra austriaca** (*Austrian Pine*). A vigorous-growing Pine of dense habit, good for background or as individual specimen; thrives at the seashore. Plants 2 to 3 feet high, \$2.00 each.

— **resinosa** (*Red Pine*). The Red Pine succeeds well in poor soil and is of rapid growth producing a nicely shaped tree. Plants 2 to 3 feet high, \$2.00 each.

— **sylvestris** (*Scotch Pine*). A most rapid growing Pine of a bluer shade than Red Pine; handsome tree, especially when young. Good for wind-breaks. Plants 3 to 4 feet high, \$2.00 each.

Picea excelsa (*Norway Spruce*). Rapid in growth, this tree is excellent for wind-breaks or hedges. It is the Christmas tree of Europe. Plants 18 to 24 inches high, \$1.00 each.



Picea pungens glauca Kosteri

Picea pungens glauca Kosteri (*Koster's Colorado Blue Spruce*).

The attractive silvery blue color stands out strongly against all other evergreens. Plants 18 to 24 inches high, \$4.00 each; 24 to 30 inches high, \$7.50 each.

Pseudotsuga Douglasi (*Douglas Fir*). Hardy tree with dark bluish green coloring. It makes a tall broad pyramid, preferring well drained soil. Plants 24 to 30 inches high, \$1.50 each.

***Taxus baccata repandens** (*Spreading English Yew*). A low growing form with wide spreading branches. Leaves dark blue-green. Plants 15 to 18 inches high, \$1.50 each.

*— **cuspidata** (*Spreading Japanese Yew*) ● Unquestionably one of the hardest Evergreens in commerce with very dark green foliage and spreading bushy habit. Valuable for foundation planting and especially adapted for wind-swept locations because of its hardiness. Plants 18 to 24 inches high, \$1.50 each.

— **capitata** (*Upright Japanese Yew*). Very hardy. Foliage similar to cuspidata but upright and pyramidal in shape, making it useful for formal effect. 18 to 24 inches high, \$2.00 each.

*— **nana** (*Dwarf Japanese Yew*). An excellent dwarf evergreen; foliage similar to preceding but of much slower growth and more compact habit. Plants 12 to 15 inches high, \$1.50 each.

Thuja occidentalis (*American Arborvitae*). Pyramidal type with broad base; green in summer and bronze green in winter. A good accent plant and also well adapted to hedge use; stands trimming well. Plants 2 to 3 feet high, \$1.00 each.

*— **globosa** (*Globe Arborvitae*). Natural globe-shaped evergreen. Hardy and useful for formal and foundation work. Plants 15 to 18 inches high, \$1.00 each.

*— **lutea** (*Geo. Peabody Arborvitae*). Similar in form and habit to the American Arborvitae but with conspicuous golden yellow foliage. Plants 2 to 2½ feet high. \$1.50 each.

*— **Wareana** (*Siberian Arborvitae*). Rugged in appearance, broadly pyramidal with light green fleshy foliage. Fine for a foundation planting or as a hedge. 2 to 2½ feet high. \$1.00 each.

*— **pyramidalis** (*Pyramidal Arborvitae*). Narrow columnar shape; splendid for accents or formal planting. Dark green throughout the winter months. Plants 2 to 3 feet high, \$1.25 each.

— **Standishii** (*Standish or Japanese Arborvitae*). A handsome ornamental evergreen of distinct habit, forming a broad pyramid with ascending branches. 2 to 2½ feet high, \$1.50 each.

Tsuga canadensis (*Canada Hemlock*). ● One of our most graceful and attractive native evergreens. Can be clipped or permitted to grow naturally as the finely cut foliage makes this tree most adaptable. Plants 2 to 3 feet high, \$2.00 each.

Dreer's Select Hardy Perennial Plants

Plants by Mail

Plants up to a dozen or so will be forwarded by Parcel Post if you add to your remittance 10% (15% west of the Mississippi) of their value to cover postage and special packing. Minimum charge 10 cents.

We offer a very complete list of the best hardy perennials including all the most desirable new and rare kinds. The majority of the stock offered is pot-grown or if field-grown the plants have been potted up during the fall months. Such stock can be planted even late in the spring with every assurance of success and because being young and vigorous it usually will give more satisfaction than large field-grown clumps. As we are not in the landscape business we cannot undertake the preparation of planting plans or laying out of grounds. However, we list a number of interesting books on landscaping (see page 200) which will aid any gardener to prepare his own plans. We shall be glad to send upon request our leaflet "Plans of Hardy Borders" with a list of suitable plants for positions whether in sun or shade. Those who wish to build a rock garden are welcome to a copy of our Rock Garden leaflet—sent free.

Achillea—Milfoil, Yarrow

Filipendulina (*Fern-Leaved Yarrow*). A showy sort with dense heads of golden yellow flowers. 3 feet. June and July.

Millefolium roseum (*Rosy Milfoil*). △ Finely cut foliage and pink flowers in dense heads; 18 inches high. Flowers all summer.

Parmica fl. pl. The Pearl. Pure white flowers borne in the greatest profusion during the entire summer on strong, erect stems, 2 feet high. As a summer cut flower it is of great value.

—**Boule de Neige** (*Ball of Snow*). An improvement on The Pearl. The flowers, while not quite so large, are of more perfect form, with fuller centers which makes them most attractive.

Rupestris. △ Of low growth, with large snow white flowers in May and June. Very aromatic.

Tomentosa (*Wooly Yarrow*). △ Handsome cut foliage and bright yellow flowers in a multitude of flat heads during June. Height about 12 inches.

Any of the above: 25c each; \$2.50 per doz.; \$15.00 per 100.

Aconitum—Monkshood, Helmet Flower ●

Aconites form bushy clumps and are invaluable for planting under trees, or in shady or semi-shady positions.

Fischeri. A dwarf variety growing 18 inches high, with very large pale blue flowers in September and October.

Napellus bicolor. Large blue and white flowers from July to September. 3 feet high.

—**Spark's Variety**. The darkest blue of all; 30 inches high. Flowers in June.

Any of the above: 30c each; \$3.00 per doz.; \$20.00 per 100.

Aethionema—Stonecress △

For the border or rock garden, requiring a gritty or sandy soil.

Coridifolium (*Lebanon Candytuft*). Produces dense racemes of rosy lilac flowers; May to June; 6 to 8 inches.

Iberideum. A free-flowering trailing plant with gray, glaucous foliage and racemes of white flowers in April and May.

Persicum. Forms a bushy plant about 10 inches high with attractive rose colored flowers in June.

Any of the above: 35c each; \$3.50 per doz.

Dreer's Collections of Hardy Perennial Plants

As these assortments vary at different periods during the planting season we are unable to state list of contents.

Hardy Perennials for Border or Garden Planting

12 Distinct Species, our selection.....	\$2 50
25 Distinct Species, our selection.....	4 50
50 Distinct Species and varieties, our selection.....	8 00
100 Distinct Species and varieties, our selection.....	15 00

Hardy Perennials Suitable for Rock Gardens

12 Distinct Species, our selection.....	\$3 00
25 Distinct Species, our selection.....	5 50
50 Distinct Species and varieties, our selection.....	10 00
100 Distinct Species and varieties, our selection.....	18 00



Alyssum saxatile compactum in rockery

Alyssum—Madwort △

Rostratum. Bright golden yellow flowers in June and July. 1 foot. 25c each; \$2.50 per doz.; \$15.00 per 100.

Saxatile compactum (*Basket of Gold, Gold Tuft, Rockmadwort*). An indispensable plant for the rockery or border, growing 1 foot high. Covered in May with masses of broad, flat heads of bright yellow flowers. 25c each; \$2.50 per doz.; \$15.00 per 100.

Spinosum. One of the best for the rock garden. Woody stemmed with dense, spiny, silvery foliage and very numerous, small, white flowers during June and July, 4 to 6 inches. Rare. 50c each; \$5.00 per doz.

Ajuga—Bugle △●

A useful plant for the rockery and for carpeting the ground, particularly in shady positions, as under trees where grass will not grow. Flowers in May and June. 6 to 8 inches.

Genevensis. Rich dark green foliage; deep blue flowers.

Reptans rubra. Bronzy foliage, blue flowers. Compact.

Any of the above: 30c each; \$2.75 per doz.; \$18.00 per 100.

Anemones—Windflowers

Pulsatilla (*Pasque Flower*). △ Grows from 9 to 12 inches high and produces violet or purple flowers during April or May. An interesting plant for the rockery or well-drained border.

—**rubra**. △ A dark red form of the above.

Sylvestris (*Snowdrop Windflower*). ● Large, nodding, sweet scented flowers of a lavender-tinted white. Borne solitary or two together, on stems 6 to 8 inches. Pretty drooping buds and finely cut foliage. Prefers a semi-shaded position. April to May.

Any of the above: 35c each; \$3.50 per doz.; \$25.00 per 100.

Hupehensis. ● A perfect little gem closely allied to *Anemone japonica* which it resembles though miniature in size. The plant grows from 18 to 24 inches high and produces an abundance of pleasing mauve-rose flowers, about 1½ inches in diameter, from early in August until late in autumn. 30c each; \$2.75 per doz.; \$18.00 per 100.

Dreer's Japanese Anemones ●

Anemone japonica

These beautiful Windflowers are among the most important hardy plants. They begin blooming in August and are most valuable as they retain their full beauty until cut down by severe frost. Besides their value for garden display they are also charming as cut flowers, lasting in good condition for several days. The plants grow 2 to 3 feet high and are perfectly hardy if protected with 2 or 3 inches of leaves during the winter. They respond freely to liberal feeding and do well in any good garden soil.

Alba. Large snowy white flowers of graceful form.

Alice. This is on the style of the variety Queen Charlotte.

The flowers when first opening have the form of a Rose. As they expand the shell-like silvery rose petals become suffused with bright carmine.

Queen Charlotte. Very large, semi-double flowers of a delicate La France pink.

Rubra. Grows only 15 to 18 inches high. Semi-double rosy red flowers.

September Charm. Silvery rose, shaded with mauve. Very early and extremely free flowering.

Whirlwind. Large semi-double white.

Any of the above: 30c each; \$2.75 per doz.; \$18.00 per 100.



Anchusa italica,
Dropmore Variety

Anchusa

Sea Bugloss, Alkanet

Italica, Dropmore Variety. This is one of our most desirable plants which though of a biennial nature will live for a number of years if conditions are favorable. The plants grow 5 to 6 feet high and bear a great profusion of showy Forget-me-not-like gentian blue flowers in May and June. It does best in a deep, well-drained soil and in a sunny position with the plants spaced about 2 feet apart in order to encourage a vigorous and free growth. 25c each; \$2.50 per doz.; \$15.00 per 100.

Anchusa myosotidiflora △ ●

Forget-me-not Flowered Bugloss

An entirely different and distinct dwarf species from the Caucasus, growing but 10 to 12 inches high. Covered during April and May with sprays of beautiful Forget-me-not-like flowers of a rich blue color. 30c each; \$3.00 per doz.; \$20.00 per 100.

Anthemis tinctoria, Perry's Variety

Improved Golden Marguerite

A wonderful improvement over the well-known Golden Marguerite, *Anthemis tinctoria*. Easily grown in any ordinary border. Produces large, well-shaped flowers nearly 3 inches across, from June to October. The well proportioned bushes are most attractive with their Fern-like foliage and are covered with bright golden yellow flowers which are valuable for cutting. 15 to 18 inches. 25c each; \$2.50 per doz.; \$15.00 per 100.

Anthericum—*St. Bruno's Lily*

Liliastrum major. A charming border plant with rush-like foliage and 18 to 24 inch high racemes of small Lily-like white flowers during July and August. 35c each; \$3.50 per doz.



Dreer's Long-Spurred Aquilegia or Columbine

Aquilegia—Columbines ●

The Columbine are among the most elegant hardy perennial plants. They produce graceful, spurred flowers on stems rising 2 feet or more above the beautifully divided foliage. They prefer a sandy loam soil which is well-drained and bloom freely during late spring and early summer.

Chrysantha. Long-spurred pure yellow flowers.

Dreer's Long-Spurred Hybrids. A superb type with beautiful long-spurred flowers of largest size coming in charming tones of cream, pink, lavender, white, red, etc. They are supplied in mixture only.

Dreer's Long-Spurred Pink Shades. A special selection of the greatly admired pink shades of this popular type. All the flowers are long-spurred.

Flabellata nana △ ● This is a splendid dwarf variety of special value in dwarf borders and the rock garden. The compact plants are covered with lovely pure white blooms.

Helenae. A very effective rich blue variety.

Any of the above: 25c each; \$2.50 per doz.; \$15.00 per 100.

Arabis—*Rock Cress* △ ●

Alpina. One of the most desirable of the very early spring flowering plants especially adapted for edging and rock gardens. Covered with pure white blooms during many weeks of spring. 25c each; \$2.50 per doz.; \$15.00 per 100.

—**flore pleno.** A very lovely variety with double white blooms. 35c each; \$3.50 per doz.

—**rosea.** Single flowers of a delicate soft pink shade. 35c each; \$3.50 per doz.

Arenaria—Sandwort △

Montana. A pretty, creeping plant which during June is covered with attractive white flowers. A good edging plant and invaluable for the rock garden.

Verna caespitosa. ● A splendid rock plant for a shady position, forming an evergreen mat with small white flowers in early May.

Either of the above: 25c each; \$2.50 per doz.; \$15.00 per 100.

Armeria—Sea Pink, Thrift △

Attractive dwarf plants, forming evergreen tufts of bright green foliage. Innumerable flowers clustered together in dense heads carried on stiff wiry stems, from 9 to 12 inches high. They flower more or less continuously from early spring until late in fall. Very useful in the rockery as well as in the border.

Cephalotes, Bee's Ruby. Has stout stems with large globular heads of brilliant ruby-red flowers. 50c each.

— **rubra.** Large heads of crimson-red flowers on stout stems.

Lauchiana. Showy heads of bright rose blooms.

Maritima alba. A pretty, pure white.

Except where noted: 30c each; \$2.75 per doz.; \$18.00 per 100.

Artemisia

A most useful class of plants either for the border or for filling in among the shrubbery.

Abrotanum (*Old Man or Southernwood*). Finely cut, dark green foliage with pleasant aromatic odor. 18 inches.

Lactiflora (*Hawthorn Scented Mugwort*). A most effective plant of strong, free growth, 3½ to 4½ feet high, terminated by great panicles of Astilbe-like, Hawthorn-scented, creamy white flowers from the latter part of August to the end of September.

Silver King (*Ghost Plant*). A very showy white-leaved contrast plant growing 3 feet high and maturing its beautiful silver white foliage early in summer. Long sprays may be cut to mix with winter bouquets.

Stelleriana (*Old Woman*). Deeply cut, silvery white foliage. 18 inches.

Any of the above: 30c each; \$2.75 per doz.; \$18.00 per 100.

Asclepias—Butterfly Weed △

Tuberosa. Very showy native plants, about 2½ feet high, producing flowers of brilliant orange-scarlet during July and August. 25c each; \$2.50 per doz.; \$15.00 per 100.

Asperula—Sweet Woodruff △ ●

Odorata. A sweetly scented herb growing from 6 to 8 inches high with terminal clusters of white flowers in May. A useful plant for a shady spot in the garden, the rockery, or for carpeting the ground in a shady position. 35c each; \$3.50 per doz.

Asphodelus—Asphodel, King's Spear

Luteus. An effective plant for the border with sword-like foliage. Fragrant Lily-like yellow flowers on spikes 3 feet high. Blooms in July. 35c each; \$3.50 per doz.

Summer-Flowering Hardy Asters

Amellus elegans. △ Grows from 12 to 15 inches high and produces large showy flowers of a rich bluish violet during July and August. Its free-flowering habit and compact growth make it a most desirable subject for the front of the border. 30c each; \$3.00 per doz.; \$20.00 per 100.

Frikarti (*Wonder of Stafa*). △ We consider this the best of the hardy summer flowering Asters. It is attractive in its neat, upright, free branching habit of growth, attaining a height of about 30 inches. Its large, well formed lavender-blue flowers are produced in great profusion from the middle of August until late in October. 50c each; \$5.00 per doz.

Japanese Double White Hardy Aster

Entirely distinct from all other hardy Asters. The plants are of symmetrical habit and grow about 2 feet high, bearing from July to September double white flowers not unlike the double white Feverfew. 30c each; \$3.00 per doz.; \$20.00 per 100.

Fall-Flowering Hardy Asters ●**Michaelmas Daisies or Starworts**

These are among the showiest of our late flowering, hardy plants giving a wealth of bloom during September and October. They grow freely in almost any soil.

Barr's Pink. This belongs to the *Novae-angliae* type. It is a strong vigorous grower, 4 to 5 feet high, with finest bright pink blooms.

Liege. Large blooms of soft rosy pink. 2½ feet.

Novae-angliae. Very showy bright violet-purple. 4 feet.

Novi-belgii, Climax. One of the best and showiest with large pyramidal spikes of large lavender-blue flowers. 5 feet.

October Dawn. Stout, branching, pyramidal plants, 2 feet high. Large attractive lilac-mauve flowers.

Queen Mary. The finest of the *Novi-belgii* type. Graceful pleasing blue flowers tinted lavender; 2½ inches across, arranged loosely in branched panicles. 3½ feet high.

Sam Banham. Large pure white. One of the earliest. 3 feet.

Tataricus. Distinct large bluish violet. Very late. 6 feet.

Any of the above: 25c each; \$2.50 per doz.; \$15.00 per 100.

Novelties in Hardy Asters

Alderman Vokes. A lively shade of deep clear rose-pink with a sheen of blue. Blooms during September and grows 3½ feet high.

Blue Eyes. The best blue Aster yet produced. Has long pure violet-blue petals surrounding a small yellow eye. It is extremely attractive. September blooming; 4 feet.



Burbank's Charming

Burbank's Charming. A variety of unknown origin found in Burbank's garden. It is entirely distinct from any other Aster in habit of growth and foliage. The plants grow 5 feet high and are completely covered with masses of feathery sprays of a delicate rosy white color. Graceful, disease resistant foliage. October to November.

Pink Nymph. A most profuse bloomer and one that is sure to please. The charming flowers open a rich rosy red later changing to brighter pink. September; 4 feet.

Any of the above: 50c each; \$5.00 per doz.

Set of four varieties, one of each, \$1.75.

New Dwarf Hybrid

Border Asters Δ

See color illustration page 117.

We take great pleasure in introducing a collection of New Dwarf Hybrid Asters which we feel will fill a long felt want in providing a race of dwarf, compact, free flowering plants blooming at a season when there is a scarcity of low growing, flowering plants. They rarely exceed a foot in height and bloom in September. Unsurpassed for dwarf beds, borders, and very charming in the rock garden.

Countess of Dudley. A charming clear pink with a contrasting yellow eye. Of bushy habit flowering freely during late September. The plants grow 9 inches high.

Lady Henry Maddocks. Clear pale pink flowers produced freely on dwarf compact plants. September; 12 inches high.

Nancy. The bushy plants are completely covered with pale flesh pink flowers which practically hide all foliage. Blooms in late September. 12 inches.

Ronald. This is a pleasing shade of bright lilac pink following the rose-pink buds. Very showy. Flowers in mid-September. 12 inches high.

Snowsprite (Snow Fairy.) A very dwarf early September flowering variety forming graceful plants a foot high. They are smothered with charming semi-double white flowers. It deserves a place in every garden.

Victor. The dwarfiest of all, growing barely 9 inches tall, covered with good sized flowers of a beautiful clear lavender-blue. Flowers during early September.

Any of the above: 35c each; \$3.50 per doz.; \$25.00 per 100.

Set of 6 varieties, one each, \$1.75.



New Dwarf Hybrid Border Aster

Dwarf Asters Δ

Alpinus. Indispensable for the rockery or edge of hardy borders. Grows 6 to 10 inches high, bearing showy bluish purple flowers in May and June.

—**albus.** Identical to the above but with pure white flowers.

Mauve Cushion. An entirely distinct Japanese species. It forms a circular cushion-like plant 2½ feet across, rarely exceeding 9 inches in height. The flowers are delicate soft mauve with silvery white reflection, measuring over 1½ inches in diameter. They are produced in such lavish profusion as to completely cover the plant. The blooms begin to expand early in October but are not at their best until November.

Subcaeruleus. Forms a dense tuft of leaves from which arise many leafless stems 12 inches high, bearing in June and July massive bluish violet flowers 3 inches in diameter.

Any of the above: 30c each; \$3.00 per doz.; \$20.00 per 100.



Astilbe, Kriemhilde

Astilbe \odot

Showy plants of vigorous growth covered with many branched, feathered heads of flowers during June and July. They succeed best in a half-shady moist position in any ordinary garden soil.

Betsy Cuperius. Long drooping pure white spikes. 4 feet.

Gruno. Beautiful salmon-pink. 3 feet.

Kriemhilde. Delicate pleasing salmon-rose. 2½ feet.

Mars. Beautiful dark foliage; bright red flowers. 3 feet.

Philadelphia. Graceful spikes of violet-pink. 2½ feet.

Salland. A beautiful and distinct red. Grows over 6 feet high.

Any of the above: 50c each; \$5.00 per doz. Set of 6 sorts \$2.50.

Aubrieta—Rainbow Rock Cress Δ

Deltoidea. Pretty, dwarf-growing plants for the rockery or edge of border. Masses of silvery green foliage and sheets of various colored flowers in spring and early summer. 30c each; \$2.75 per doz.; \$18.00 per 100.

Baptisia—False Indigo

Australis. A strong-growing plant, about 2 feet high, with dark green, deeply-cut foliage and spikes of dark blue flowers in June. Suitable either for the border or wild garden. 30c each; \$2.75 per doz.; \$18.00 per 100.

Bellis—English Daisy \odot

Perennis. Improved double flowering in white and pink. 25c each; \$2.50 per doz.; \$15.00 per 100.

Bocconia—Plume Poppy, Tree Celandine

Cordata. A stately perennial for the shrubby border, center of beds, or in bold groups in almost any position. Grows 6 to 8 feet high and has creamy white flowers in terminal panicles during July and August. 25c each; \$2.50 per doz.; \$15.00 per 100.

Boltonia—False Starwort

Among the showiest of our native hardy perennial plants with large, single, daisy-like flowers during the summer and fall when thousands of blooms are open at once.

Asteroides. Very effective; pure white. 5 to 7 feet.

Latisquama. Pink, tinged lavender. 4 to 6 feet.

Either of the above: 25c each; \$2.50 per doz.; \$15.00 per 100.

Callirhoe—Poppy Mallow Δ

Involucrata. An elegant trailing plant with most attractive foliage and large saucer-shaped bright rosy crimson flowers with white centers. Blooms all summer and fall. 25c each; \$2.50 per doz.; \$15.00 per 100.

Campanula or Bellflower ●

Indispensable hardy garden flowers of much variety of form, some being of tall and imposing habit, whereas others are dwarf compact little plants, suitable for edging, rockwork, etc. They like a good rich soil and last much longer in bloom if planted in a half shady place.

Carpatica (*Carpathian Harebell*). △ A pretty species growing in compact tufts, not exceeding 8 inches high. Clear blue flowers held erect on wiry stems. It begins blooming in June, continuing until October. As an edging for a hardy border or for the rockery it is unsurpassed.

— **alba**. △ A pure white form of the above.

Garganica. △ Forms a low, spreading tuft, covered in June with starry, light blue flowers, each with a white eye. A gem for the rockery.

Glomerata (*Clustered Bellflower*). Dense clusters of funnel-shaped violet-blue flowers, borne profusely from June to August; 18 inches.

Lactiflora. An attractive flower of milky white, tinged blue. Blooms during July and August; 3 feet.

Latifolia macrantha. ● Large purplish blue flowers; May and June. A handsome variety with very large, drooping bells; 3 feet.

Medium (*Canterbury Bells*). We can supply this popular old-fashioned favorite in blue, white, and pink. June. 2 to 4 feet.

— **calycanthema** (*Cup and Saucer Canterbury Bells*). This we have in blue, white, and pink. June. 2 to 4 feet.



Campanula muralis

Muralis. Blooms continuously from June to November. Dense tufts of dark green foliage and purple-blue bell-shaped flowers. 6 inches.

Persicifolia (*Peach Bells*). Blue flowers during June and July. Very showy; 2 feet.

— **alba**. A pure white form.

Pyramidalis (*Chimney Bellflower*). The most conspicuous of all, forming a perfect pyramid, 4 to 6 feet high, crowded with large, salver-like, porcelain blue flowers in August.

Rotundifolia (*Blue Bells of Scotland*). △ The true Harebell. Clear blue flowers from June to August. A fine rock plant. 10 inches.

Any of the above: 30c each; \$2.75 per doz.; \$18.00 per 100.

Hardy Border Carnation

Choicest Mixed. These are seedlings produced from seed supplied by a specialist in this popular flower. They are fine, strong plants. 25c each; \$2.50 per doz.; \$15.00 per 100.

**Caryopteris
mastacanthus superbus**

See color illustration page 117.

This handsome, free flowering plant makes a woody growth about 2 to 3 feet in height. It branches freely near the ground and makes a well rounded plant composed of elegant long branches which are covered with large whorls of attractive clear colored flowers arranged in tiers. Blooms during September and early October. Besides its value as a plant in the perennial border it also is splendid for cutting and because blooming late in the season it always is particularly welcome. We have three splendid colors as follows.

— **Blue** — **Pink** — **White**

Any color: 35c each; \$3.50 per doz.; \$25.00 per 100.

Set of the three, one of each color for \$1.00.

Centaurea—Hardy Cornflower

A lovely perennial of easy culture delighting in an open sunny position. Bears a large quantity of showy blooms. Valuable for either garden display or for cutting.

Dealbata. △ Bright rose-colored flowers borne profusely from July until September. 18 inches high.

Macrocephala. Large, thistle-like, golden yellow flowers. Useful for cutting and showy in the border. July and August. 3½ feet.

Montana (*Perennial Cornflower*). Grows 2 feet high and bears large violet-blue flowers from June to September.

— **alba**. A pure white form of the Montana species.

Any of the above: 25c each; \$2.50 per doz.; \$15.00 per 100.

The Set of 4 Centaureas, 85c.

Cerastium—Snow in Summer △

Tomentosum. A desirable low-growing plant with silvery foliage and white flowers in June. Suitable for the rockery or for carpeting dry, sunny spots. 25c each; \$2.50 per doz.; \$15.00 per 100.

Chelone—Turtle Head

Lyoni. Stately handsome perennial growing about 2 feet high, bearing during the summer and fall numerous spikes of large flower heads of showy purplish red blooms. Requires an acid soil. 30c each; \$2.75 per doz.; \$18.00 per 100.

**New Korean Hybrid
Chrysanthemums** △

These extra hardy, single flowering Chrysanthemums are one of the most outstanding new creations. During the late fall the bushes are simply covered with graceful, large, single blooms of rare charm.

Apollo. The most profuse bloomer of them all. A sparkling combination of bronze, red, and gold, suffused with glowing salmon. The flowers are 2 inches across. Blooms about October 12, and grows 2½ feet high.

Ceres. Old gold blended with chamois yellow and dusted with coppery bronze. A handsome plant which blooms about October 10. Height 2 to 2½ feet.

Daphne. A lovely large flower almost matching the color of *Daphne cneorum*—a splendid pink with a sheen of lilac-rose. Flowers 3½ inches across. Blooms about October 12. Height 2 to 2½ feet.

Diana. A charming color blend of Chatenay Rose pink mingled with lilac-rose and soft salmon. Has triple rays of petals. Blooms about October 12, and grows 2 feet high.

Mars. Deep amaranth red changing to wine red overlaid with a velvety sheen. The latest to flower, about October 15. Height 2 to 2½ feet.

Mercury (*Plant Patent No. 58*). Bronze-red on opening changing to coppery bronze when maturing. Nicely formed, showy blooms about 3 inches across. Begins blooming about October 5. A splendid well-lasting cut flower. 2 feet.

Any of the above: 50c each; \$5.00 per doz.; \$40.00 per 100.

Set of the 6 varieties, \$2.75.

Dreer's Choice Garden Chrysanthemums

Gorgeous autumn-blooming plants producing a lavish profusion of colorful flowers just at a time when other plants are beginning to fail. They are reasonably hardy if planted in a well drained soil and covered with leaves or loose litter during the winter.

Twelve New Varieties

Offered by us for the first time this year

Amelia (*Pink Cushion*). This variety has been offered under several other names. Among the early flowering sorts it is unique insofar as the early flowers come perfect and do not seem to sap the strength of the plant as happens in many others. Compact and symmetrical plants forming a cushion of double lavender-pink flowers which begin to develop the latter part of August and continue to the last of October.

Autumn Leaf. A very beautiful variety with deep fawn orange blooms beautifully suffused with bright carmine.

Cavalier. A dazzling rich vermilion-red variety with medium sized single flowers. Early and very showy.

Chestnut Burr. Quaintly formed, perfectly double blooms of a cheerful chestnut red color. Of medium size and very free flowering. Always greatly admired.

Distinction. A small, perfectly double, yellow flower with red tips. Blooms freely and is surely most distinct.

Granny Scoville. A very large decorative or Aster flowered sort. Perfectly double blooms of a warm coral bronze.

Harbinger. Compact, dwarf plants covered with good sized single flowers of a deep lavender-blue with a large white halo around the bright yellow disc. Very attractive.

Lemonade. Large lemon yellow single flowers attractively suffused with red. Free flowering and of good color.



New Hardy Chrysanthemum, Opal

Opal. Splendid medium sized double flowers of an opalescent coppery rose changing to deep salmon flesh.

Rapture. Lovely, medium sized, double flowers combining a beautiful deep orange with a lively suffusion of bright carmine.

Sensation. A sensational and strikingly attractive single yellow in which every petal is tipped with scarlet.

The Chief. A very decided advance in hardy Chrysanthemums. The deep double blooms are bright rich scarlet with a golden reverse giving the flower an artistic appeal with their unusual showy color combination. A beautiful large flower.

Any of the above: 35c each; \$3.50 per doz.
The set of 12 New Varieties \$3.50.

New Giant-Flowered Single Chrysanthemums

Our Novelties of 1934

Another year's experience with these twelve beautiful varieties shows them to be all that we predicted for them. They are an advance in color, size, and general attractiveness over older sorts. Hundreds of visitors have admired and commented most favorably upon them in our field again this year. We are in a position to offer them at a popular price.



Indian Maid

Amber Star. A lovely, shaggy, semi-double flower of an attractive buff richly suffused with scarlet toward the petal tips.

Enchantress. Splendid, large, semi-double blooms of a clear soft rose which is always greatly admired.

Halo. So named on account of the white halo that separates the yellow center from the deep rose petals.

Indian Maid. A most appealing and unusual large single variety of an artistic and lovely orange terra-cotta.

Moonlight. Charming large blooms with pale blush petals arranged around the small yellow center cushion.

Persia. Well formed semi-double blooms of an interesting deep rosy carmine as found in some Persian rugs.

Princess. An elegant single flower with many long, graceful, pure white petals set off by the small yellow center.

Redskin. A most unusual single of a unique orange-scarlet shading to coppery rose with age.

Sunbright. A pure yellow single that glitters and scintillates in the sun and under artificial light.

The Torch. Burning orange-scarlet with yellow crown around the yellow center. The reverse is golden yellow. Semi-double.

Unique. Attractive not only for the lovely deep carmine-rose color but also for its unique semi-double form.

Warrior. Semi-double flowers of a deep crimson-maroon with beautiful golden reverse and a bright yellow center.

Any of the above: 30c each; \$3.00 per doz.
Any 6 of the above Six New Singles \$1.50

Dreer's Choice Garden Chrysanthemums—Continued**Twenty Large****Aster-Flowered or Decorative**

The varieties in this classification produce flowers which measure 2 to 4 inches in diameter and resemble China Asters in form.

- Angelo.** Large light pink blooms with incurved petals.
Comoleta. Large incurved petals of pure yellow.
Frances Whittlesey. Large, flat, irregular, scarlet-bronze.
Ganna. Bright lilac-pink blooms of large size.
La Somme. Opens pink and fades to pure white. Quite large.
Lilian Doty. A large, perfect, bright pink pompon.
Lucifer. Deep ox-blood red of ragged form. Good size.
Mrs. H. E. Kidder. Very large, incurved, clear yellow.
Muldoon. Good sized purplish amaranth. Very effective.
Murillo. A wonderfully reliable old rose of good size.
Oonto. Large dependable white of upright growth.
October Gold. An appealing golden orange color.
Petite Louise. Large, ragged, pale rose flowers. Dependable.
Ruth Cumming. A popular rich terra-cotta red.
Savina. Charming pale rose of good size.
Tints of Gold. Showy, good sized, golden yellow blooms.
White Doty. Good sized globular pure white pompon.
Yellow Doty. A deep yellow of typical Doty form.
Yellow Normandie. A most satisfactory early yellow.
Zelia. For many years the standard pale bronze.

Any of the above: 25c each; \$2.50 per doz.; \$15.00 per 100.

Set of 20 Large Aster-Flowered, one of each, for \$4.50.

Twenty Small**Double-Flowered and Button**

The varieties in this classification usually produce flowers less than 2 inches in diameter. They are appreciated for their daintiness in the garden and give wonderful cut flowers for table and house decoration.

- Adironda.** Vigorous plants covered with small golden bronze flowers.
Anna L. Moran. Beautiful bright scarlet-bronze blooms.
Bright Eyes. Late pink button. Orange center when young.
Capt. R. H. Cook. Tall upright stems with deep rose blooms.
Ethel. Small deep maroon button with bronzy suffusion.
Irene. A splendid large white button variety.
Jean Treadway. Opens deep pink, fades to soft rose.
Little Dot. A lovely small bronze button Chrysanthemum.
Model of Perfection. Charming small white button-type flowers.
Mrs. H. Harrison. A small pompon with light pink blooms.
Nio. A most attractive small pink button variety.
Ouray. Large bronze button with golden suffusion.
Philadelphia. Pure lilac blooms of small Aster type.
Red Flare. A large button of orange-red color.
Rodell. Good sized pure yellow button type.
R. Marion Hatton. Early bright yellow; Aster type flowers.
Ruth. A small Aster type with wine red blooms.
Ruth Hatton. Early blooming. Lovely creamy white flowers.
Skibo. Splendid little button of rich yellow color.
Wm. Sobey. Deep golden yellow. Small Aster type.

Any of the above: 25c each; \$2.50 per doz.; \$15.00 per 100.

Set of 20 Double-Flowered and Button, one of each, \$4.50.

Twelve Reliable Single Flowering

- Alice Howell.** Combines orange-yellow with bronze.
Attraction. Vigorous compact plants. Old rose flowers.
Cosmos. A unique dark purplish carmine.
Crimson Splendor. Large deep crimson-maroon. A splendid variety of most attractive form.
Dainty. Brilliant orange suffused with glistening scarlet.
Dazzler. A real dazzling bright red variety.
Donald Wells. A most desirable and showy white.
Firebrand. Wonderfully bright semi-double scarlet blooms.
Golden Sun. Brilliant yellow blooms on very strong plants.
Gold Lace. Very graceful small yellow. Most profuse.
Grenadier. Large bright crimson-red with bronzy suffusion.
Rosy Maid. Large clear old rose with large white halo.

Any of the above: 25c each; \$2.50 per doz.; \$15.00 per 100.

The set of 12 Reliable Single Sorts for \$2.50.

Twelve Extra-Early

These have been selected for the convenience of our customers who would like a collection of the earliest Chrysanthemums in a wide range of showy colors.

Aladdin (Arab). A very early bronze Aster. Particularly valuable in the north where extra-early flowers can develop properly in August. In the middle and southern states we recommend that the flower stalks be cut out and not allowed to develop until the latter part of August.

Aletta. A very early dwarf light pink; Aster.

Barbara Cumming. Deservedly popular, blooms in early September and the flowers persist until frost. Deep yellow Aster.

Carrie. A beautiful canary yellow Aster with incurved flowers of good size. Blooms most profusely.

Edmund F. Black. (Early Bronze). A very early, medium sized, round flowered early bronze variety. Small Aster.

Evelyn. A large formal Aster-flowered variety combining red and gold into a unique flower.

Glomero. Medium sized, perfectly formed yellow Aster of compact growth and most floriferous.

Iridescent. Globular lilac blooms suffused with gold.



Marie duPont

Marie duPont. Very large fluffy white Aster flower, remaining quite dwarf. Blooms very profusely.

October Girl. Good sized, semi-double flowers borne in great profusion. A lovely rosy pink becoming suffused with lavender as the flowers mature.

Provence. Pale pink fading to creamy white. Good-sized fluffy Aster flowers produced on dwarf plants.

Tasiva. Fluffy Aster-like flowers of almost pure white. Good sized, free blooming, compact plants. Pronounced by many visitors the best white in our fields.

Any of the above: 25c each; \$2.50 per doz.; \$15.00 per 100.

One each of the above 12 Extra Early varieties \$2.50.

Hardy Chrysanthemums**Shasta Daisies, White Marguerites**

Alaska (Shasta Daisy). A decided improvement on the original with pure glistening white blooms $4\frac{1}{2}$ to 5 inches across. Very free-flowering and in bloom all summer and fall. 2 feet.

Arcticum (The Arctic Daisy). Attractive rosette-like clumps, 8 to 10 inches high, covered with pure white single flowers measuring 2 to $2\frac{1}{2}$ inches across. Begins blooming in September and continues in good condition throughout October.

Coreanum (Korean Daisy). A recent introduction from Korea with large white flowers with golden centers, frequently becoming tinted pink in frosty weather. An attractive late-flowering very hardy perennial. 2 feet.

Any of the above: 30c each; \$2.75 per doz.; \$18.00 per 100.

Cheiranthus—Wallflower △

Allioni (*Siberian or Fairy Wallflower*). An attractive rock plant growing about 12 inches high covered with brilliant orange flowers in June. Very showy. Of biennial character.

Cheiri. These old-fashioned sweet-scented Wallflowers which we supply in choicest mixed colors vary from yellow to bronzy reds and browns. May; 12 to 15 inches.

Either of the above: 30c each; \$3.00 per doz.; \$20.00 per 100.

Cimicifuga—Snakeroot ●

Racemosa. A handsome native species bearing in July and August spikes of pure white flowers. Well suited for planting at the back of the border or for naturalizing at the edge of the woods; 4 to 6 feet. 30c each; \$3.00 per doz.; \$20.00 per 100.

Simplex. Most valuable because it blooms late beginning in September but attaining its full beauty middle of October. Has lovely dense spikes of white flowers which are good for cutting. Grows 2½ to 3 feet high. \$1.00 each; \$10.00 per doz.

Shrubby Clematis ●

Davidiana. A most desirable variety with tubular, bell-shaped, fragrant flowers of deep lavender-blue. Blooms during August and September. 2 to 3 feet.

Recta. Grows from 2 to 3 feet high and produces during June and July fragrant pure white flowers in very large, showy clusters.

Either of the above: 35c each; \$3.50 per doz.; \$25.00 per 100.

Convallaria—Lily of the Valley ●

Majalis. This popular and fragrant subject repays for being well treated. If the bed is given a liberal topdressing of well-decayed manure in fall or early spring, it will show the effect by increased size, number, and vigor of the pure white flowers. We offer strong clumps, especially suited for outdoor planting. 50c each; \$5.00 per doz.; \$40.00 per 100.

Coreopsis ●

Lanceolata grandiflora. One of the most popular hardy plants. The flowers are a rich golden yellow of graceful form. Valuable for cutting. Blooms during the entire summer; 2 feet. 25c each; \$2.50 per doz.; \$15.00 per 100.



Dreer's Specially Selected Hybrid Delphinium

A really marvelous selection of the choicest and most beautiful plants including singles and doubles—all of superb form, exceptionally vigorous, large size, and superb beauty. We can supply strong plants that will give an immediate effect in either light or dark shades. \$1.00 each; \$10.00 per doz.

Delphinium—Hardy Larkspur ●

These are deservedly one of the most popular subjects in the hardy border. They are of easiest culture, perfectly hardy, and they will establish themselves in almost any garden soil, but respond quickly to liberal treatment.

Dreer's De Luxe Hybrids. Unquestionably the finest strain of mixed Hybrids ever offered. The plants are of strong, vigorous habit and have very large flowers. Of exceptional merit.

Belladonna Improved. The freest and most continuous blooming of all, never being out of flower from the end of June until cut down by hard frost. The clear turquoise blue of its flowers is not equaled in delicacy and beauty by any other flower.

Bellamosum. This is a dark blue form of the popular light blue Belladonna, with which it is identical in habit of growth, freedom of bloom, and other good qualities. The flowers are an intensely rich, deep blue.

Chinense. △ A very pretty dwarf species, with fine feathery foliage and intense gentian blue flowers in open panicles.

— **album**. △ A pure white form of the above.

Any of the above: 25c each; \$2.50 per doz.; \$15.00 per 100.

One each of the 5 varieties for \$1.10.

Dianthus plumarius

Hardy Garden Pinks

These are old favorites bearing lovely, sweet, clove scented, double flowers during May and June. The compact plants are vigorous and very free flowering. Splendid for garden display and for cutting.

Her Majesty. A splendid pure white with fringed petals.

Homer. Rosy red with dark center.

Juliette. White, attractively laced with crimson.

Variegated Reserve. A free blooming white, laced with crimson.

White Reserve. Lovely large white blooms. Very free.

Any of the above: 25c each; \$2.50 per doz.; \$15.00 per 100.

Newer Varieties of

Dianthus plumarius

These represent splendid improvements over the old varieties particularly in the formation of the calyx which never splits. They produce perfectly shaped, double flowers which are valuable for garden display and for cutting.

Bristol Jewel. Semi-double white, flushed crimson. Crimson eye.

Bristol Maid. Very large double rose-pink blooms.

Bristol Purity. Covered with pure white double flowers. Early.

Any of the above: 25c each; \$2.50 per doz.; \$15.00 per 100.

One each of the three newer varieties for 70c.

Garden Hybrids of Dianthus plumarius

Strong, vigorous, compact growing plants which have broader and darker green foliage than that of *Dianthus plumarius*. The flowers are carried on stems 10 to 12 inches long.

Beatrix. Double; light salmon-pink; May to November.

Etoile de Lyon. Sweetly scented, double flowers of a brilliant crimson color. Flowers most profusely during May and June.

Fuerst Bismarck. A perpetual flowering bright crimson-pink variety with blooms borne from May to November.

Any of the above: 30c each; \$3.00 per doz.; \$20.00 per 100.

Botanical Species of Dianthus △

Arenarius (*Sand Pink*). Dense low cushions covered with masses of fragrant white flowers in May.

Caesius (*Cheddar Pink*). Forms compact cushions of blue-gray foliage and sweetly scented, rose-pink flowers in May and June.

Deltoides (*Maiden Pink*). A charming creeping variety with medium-sized pink flowers in June and July.

— **alba**. A pretty white-flowered form.

Any of the above: 25c each; \$2.50 per doz.; \$15.00 per 100.

Dielytra—Dicentra

Spectabilis (*Bleeding Heart or Seal Flower*). ● An old fashioned favorite of great charm. It has long, graceful racemes with lovely heart-shaped pink flowers in May or June. Does well in the shade and grows 1 to 2 feet high. Strong clumps 45c each; \$4.50 per doz.; \$35.00 per 100.

Formosa (*Plumy Bleeding Heart*). △ A dwarf species 15 inches high bearing showy pink flowers from April to October. Has finely cut ornamental foliage. 30c each; \$3.00 per doz.; \$20.00 per 100.

Dictamnus—Gas Plant ●

Fraxinella caucasicus. A showy border plant forming a bush about 2 feet high. Has fragrant foliage and spikes of pink flowers with deeper veins during June and July. Requires a heavy, strong soil.

— **alba**. This is a showy white flowered variety.

Either of the above: 35c each; \$3.50 per doz.; \$25.00 per 100.

**Digitalis ●
Foxglove**

Giant Shirley. A magnificent strain of this old-fashioned, dignified, and stately plant. It is of vigorous growth attaining a height of from 5 to 7 feet with the flowers crowning the upper 4 feet of each stem. The individual blooms are large and well formed. They range in color from pure white to deepest rose, dominating the garden in June when the glorious spikes covered with the large, bell-shaped pendant flowers give a magnificent and majestic effect. They do well in sun, semi-shade, and even in deeper shade and they are not particular as to any special type of soil. Mixed colors only. 30c each; \$2.75 per doz.; \$18.00 per 100.



Digitalis, Foxglove

Doronicum—Leopard's Bane ●

Excelsum. Large bright yellow daisy-like flowers very early in the spring. There are many who have seen this only as a single plant, here or there in a hardy border, and have no idea of the effect it gives when planted in a mass. Also a splendid flower for cutting. It succeeds everywhere; 2 feet. 30c each; \$3.00 per doz.; \$20.00 per 100.

Douglasia △

Laevigata. A rare and desirable rock plant forming lovely tufts of dark green foliage covered in early spring with dark pink flowers carried on long stems. \$1.00 each; \$10.00 per doz.

Dryas—Mountain Avens △ ●

Suendermanni. One of the most charming of dwarf plants for the rock garden. Gives a splendid low evergreen carpet composed of very small oak-like leaves with medium-sized Anemone-like white flowers during spring and early summer. 50c each; \$5.00 per doz.



Epimedium

Epimedium—Barrenwort, Bishop's Hat △ ●

Attractive plants growing 8 to 10 inches high. Showy, leathery, bronzy foliage and panicles of interesting flowers in April and May. Fine for the shaded rock garden or border.

Coccineum. Deep red.

Niveum. Snow white.

Muschianum. Rosy red.

Pinnatum elegans. Yellow.

Sulphureum. Fine yellow.

Any of these: 50c each; \$5.00 per doz.; \$40.00 per 100.

Eriophyllum

Caespitosum (*Oregon Sunshine*). Grows 12 inches high with finely cut, grey foliage, producing masses of yellow daisy-like flowers from June to August. Delights in poor soil in a sunny position. 30c each; \$3.00 per doz.; \$20.00 per 100.

Erodium △

Chamaedryoides roseum. A tiny alpine which flowers throughout the season. Forms neat little tufts of pretty, glossy leaves covered with delicate pink veined flowers carried on 2-inch stems. It likes sun. 50c each; \$5.00 per doz.

Eryngium—Sea Holly

Amethystinum. Finely cut, spiny foliage and beautiful thistle-like heads of a glistening amethystine blue. Grows 3 feet high and blooms from July to September. Also useful for vases or dried winter bouquets.

Maritimum. Has most attractive, large, glaucous blue, deeply toothed foliage crowned by pale blue globular flower heads carried on stems about a foot high.

Either of the above: 30c each; \$3.00 per doz.; \$20.00 per 100.

Eupatorium ●**Mistflower, Thoroughwort**

Ageratoides. A useful border plant of strong, free growth reaching a height of 3 to 3½ feet. The branches are covered during August and September with dense heads of minute white flowers. Fine for the garden and for cutting.

Coelestinum. A very pretty hardy plant with lovely fuzzy Ageratum-like heads of a beautiful light blue. Blooms continuously from August until frost. 18 to 24 inches.

Either of the above: 25c each; \$2.50 per doz.; \$15.00 per 100.

Euphorbia △

Corollata (*Flowering Spurge*). A showy, useful native plant reaching a height of 18 inches. Bears from June until August graceful umbels of white flowers each with a small green eye. 25c each; \$2.50 per doz.; \$15.00 per 100.

Polychroma. A very beautiful and effective perennial which bears masses of flower-like chrome yellow bracts early in the spring. Always attracts much interest. Grows 2 feet high and is extensively used for rock garden planting. 25c each; \$2.50 per doz.; \$15.00 per 100.

Choice Hardy Ferns ●

Suitable positions for Hardy Ferns are to be found in almost every garden. With few exceptions they do best in a shady or semi-shady position and in rich, well-drained soil. They must be supplied with water during dry weather. Where the soil is stiff or clayey, incorporate a liberal quantity of leafmold, peat, or other loose material to make it friable. We state after each variety the average height of growth.

- Aspidium acrostichoides** (Wood Fern). 12 inches.
- **Goldianum** (Shield Fern). 24 to 36 inches.
- **marginale** (Evergreen Wood Fern). 12 to 24 inches.
- **spinulosum** (Spinulose Wood Fern). 12 to 15 inches.
- Asplenium Filix-femina** (Lady Fern). 12 to 15 inches.
- **thelypteroides** (Silvery Spleenwort). 24 to 26 inches.
- Dicksonia punctilobula** (Gossamer Fern). 24 to 36 inches.
- Onoclea sensibilis** (Sensitive Fern). 12 to 24 inches.
- **Struthiopteris** (Ostrich Fern). 24 to 36 inches.
- Osmunda cinnamomea** (Cinnamon Fern). 24 inches. 50c each.
- **Claytoniana** (Interrupted Fern). 24 inches. 50c each.
- **regalis** (Royal or Flowering Fern). 24 to 36 inches. 50c each.

Any of the above, except where noted:
30c each; \$3.00 per doz.; \$20.00 per 100.
Set of 12 sorts for \$3.50.



The Hardy Lace Fern, *Polystichum angulare*

The Hardy Lace Fern—*Polystichum* ●

Angulare. With careful protection, covering with a liberal amount of leaves in the winter, this graceful variety illustrated here will prove hardy as far north as Philadelphia. The fronds are from 18 to 24 inches long by 2½ to 3 inches wide with finely divided pinnae of a rich dark green color with darker midrib and stem. \$1.00 each.

Angulare densum. Quite an improvement on the preceding variety having large and very leafy fronds of a dense dark green color. The pinnae overlap one another like in an ostrich feather which gives the plant a very beautiful and rich touch. \$1.50 each.

Feverfew—*Matricaria*

Little Gem. A most useful border plant and valuable summer cut flower, with large double white flowers; June until October; 18 to 24 inches high. 25c each; \$2.50 per doz.; \$15.00 per 100.



Funkia

Funkia—Plantain Lily (*Hosta*) ●

The Plantain Lilies are among the easiest plants to manage. Their broad massive foliage makes them attractive subjects for the border even when not in flower. They succeed equally well in sun or shade.

Lanceolata. Valuable by reason of its late-flowering lilac flowers in September; 2 feet.

Subcordata grandiflora (White Plantain Lily). Very large, pure white, Lily-shaped, fragrant flowers in August and September; 2½ to 3 feet.

Undulata media picta. Green and white variegated foliage; purple flowers. Makes a fine edging; July; 2 feet.

Any of the three: 30c each; \$3.00 per doz.; \$20.00 per 100.

Gaillardia—Blanket Flower

Grandiflora. One of the showiest of all hardy plants growing 2 feet high and succeeding in any soil if the position is sunny. They start blooming in June. Shades of red and gold in wonderful combinations. 25c each; \$2.50 per doz.; \$15.00 per 100.

Genista—Broom △

Tinctoria flore plena. A dainty, low growing rock garden plant of shrubby growth. Masses of showy double yellow flowers in June. 50c each; \$5.00 per doz.

Gentiana—Gentian △ ●

Acaulis (Stemless Gentian). Very large, bell-shaped, rich blue flowers marked on the inside with yellow, rising 2 to 4 inches high from rosettes of glossy deep green leaves in May and June. Fine for the rock garden or border in half shade in good moist soil. \$1.00 each.

Andrewsii (Blue Closed Gentian). This is our native species, with beautiful deep blue flowers in August and September. Grows about 2 feet high and requires rich moist soil. 30c each; \$3.00 per doz.; \$20.00 per 100.

Geum chiloense—*Avens* △

Pretty border plants, growing about 15 to 18 inches high, and producing showy, bright-colored flowers from May to July.

Lady Stratheden. Large double rich golden yellow.

Mrs. Bradshaw. Large double brilliant scarlet.

Either variety: 30c each; \$3.00 per doz.; \$20.00 per 100.

Geum Borisii △

One of, if not the finest of this showy genus. Forms neat foliage tufts with many branched stems, 8 to 12 inches high, covered with large, vivid orange-scarlet flowers from May to October. 50c each; \$5.00 per doz.

Hardy Ornamental Grasses

Arrhenatherum bulbosum variegatum. ● Forms a dense tuft, 6 to 8 inches high, with prettily variegated green and white leaves; a splendid edging plant.

Arundo Donax (*Great Reed*). A magnificent variety, growing to a height of 20 feet.

— **variegata.** A beautiful variegated form, foliage white and green; 8 to 10 feet.

Elymus glaucus (*Blue Lyme Grass*). A handsome Grass with narrow glaucous silvery foliage. Well adapted for the border or the edge of beds containing taller sorts; 2 feet.

Eulalia gracillima univittata (*Japan Rush*). Of graceful habit, with narrow foliage. Of a bright green color, with a silvery midrib; 6 to 7 feet.

— **japonica variegata.** Long narrow leaves, striped green, white, and often pink or yellow; 6 to 7 feet.

— **zebrina** (*Zebra Grass*). The long blades of this variety are marked with broad yellow bands across the leaf. It makes a very attractive specimen plant for the lawn; 6 to 7 feet.

Festuca glauca (*Blue Fescue*). △ A pretty, dwarf, tufted Grass with distinct blue-green foliage; 1 foot.

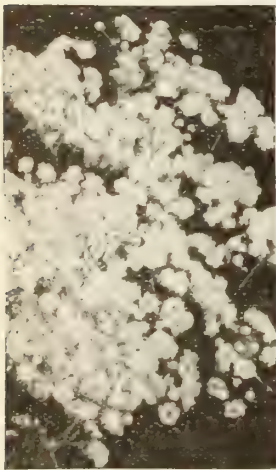
Pennisetum japonicum (*Hardy Fountain Grass*). This variety grows about 4 feet high. Narrow foliage of a bright green, while the cylindrical flower heads are tinged with bronzy purple. One of the most valuable hardy Grasses.

Phalaris arundinacea variegata (*Variegated Ribbon Grass or Gardener's Garters*). ● Large variegated foliage; an excellent Grass for bordering large beds; 12 to 15 inches.

Any of the above: 35c each; \$3.50 per doz.; \$25.00 per 100.

Gypsophila—Baby's Breath

The Gypsophilas will thrive in any soil in a sunny position, and on account of their gracefully arranged large panicles of minute flowers should be in every garden.



Gypsophila—Bristol Fairy

Bristol Fairy. An improvement on the well-known double flowering form paniculata fl. pl. being whiter in color, larger, and more profuse blooming. Strong roots 50c each; \$5.00 per doz.

Paniculata. This is the favorite old-fashioned single flowering variety. The plants possess a grace that is not excelled by any other perennial. When in bloom during July and August it forms a symmetrical mass 2 to 3 feet high and as much through covered with minute pure white flowers of a gauze-like appearance. Splendid for cutting.

— **flore plena.** The original double-flowering form. The flowers are not only larger but of a purer white than the single-flowering sort. They may be cut and dried, retaining their beauty for many months. A valuable subject for the hardy border. 50c each; \$5.00 per doz.

Repens. △ An elegant trailing plant for the rockery with clouds of small white flowers in July and August.

Except where noted: 25c each; \$2.50 per doz.; \$15.00 per 100.

Gypsophila repens Bodgeri

A new dwarf double-flowering Gypsophila reaching a height of about 2 feet. It blooms at least 2 weeks earlier than any other double-flowering form which makes it particularly desirable either used for garden display or for cutting. 50c each; \$5.00 per doz.

Gynerium—Pampas Grass

Argenteum. The most effective of all the ornamental Grasses. Its large silvery plumes are produced on stems 8 to 10 feet high during the late summer and fall. This plant is well known to summer visitors to California where it is one of the features in many gardens. It can be grown equally well here and established plants can remain in the open ground if well protected. We offer extra strong plants of flowering size in 7 inch pots, \$2.00 each.

Helenium—Helen's Flower ●

Desirable border plants, succeeding in any soil in a sunny location. They have showy broad-spreading heads of flowers. Useful for cutting, each species covering a long-blooming season.

Autumnale rubrum. Robust growing; 3 to 4 feet high, with bright terra cotta red flowers in August and September.

— **superbum.** Golden yellow flowers during the late summer and fall months; 5 to 6 feet.

Bruneum coccineum. A dark bronzy brownish red. One of the earliest to flower blooming from April and May on; erect branching habit; 2½ feet.

Gaillardiaeflorum. Glowing bronzy red petals with just a tip of golden yellow; 3 feet.

Golden Youth. Pure golden yellow; early flowering; 2½ feet.

Riverton Beauty. Rich lemon yellow with large purplish black cone; August and September; 4 feet.

Riverton Gem. Old gold changing to Wallflower red; August and September; 3½ feet.

Any of the above: 30c each; \$3.00 per doz.; \$20.00 per 100.

Two Handsome Dwarf Heleniums ●

Moerheimi Beauty. A valuable border plant of erect, strong habit. Broad bronzy red ray florets shading to orange at the tips. 2½ feet high.

Nanum luteum. Extremely handsome, free flowering variety, 2½ feet high. Bears bold masses of golden yellow flowers in early summer.

Either of the above: 50c each; \$5.00 per doz.



Helleborus—Christmas Rose

Helleborus niger—Christmas Rose △ ●

This is one of the most interesting of all hardy plants we have because it flowers so early. In a sheltered, well drained, partially shaded position it will come into bloom during February or March. The flowers are large and of artistic form. They are white lightly flushed purple and measure 2 inches in diameter. Give them a moist leaf-mold mixture with an addition of well rotted manure and do not disturb by re-planting. 12 inches high. \$1.00 each; \$10.00 per doz.

HARDY PERENNIAL PLANTS

Helianthemum—Rock or Sun Rose △

Exceedingly pretty, low growing, evergreen plants, forming broad clumps which during their flowering season, June to July, are quite hidden by a mass of bloom; well adapted for the front of the border or the rockery.

Album plenum. Double white.

Buttercup. Golden yellow, single.

Fireball. Fiery double red.

Macranthum. Pure white single.

Rhodanthe carneum. Pretty, single pink flowers and silvery foliage.

Any of the above:

30c each; \$3.00 per doz.; \$20.00 per 100.



Helianthus sparsifolius

Helianthus—Hardy Sunflower

Most effective hardy plants for large borders, for planting among shrubbery, or as clumps on the lawn. They are remarkably free-flowering, will succeed in any soil, and are invaluable for decorative purposes or as cut flowers during the summer and autumn.

Maximiliani. The latest of all, perfecting its fine golden yellow flowers in long graceful sprays during October when all others have finished flowering. Invaluable for cutting; 5 to 7 feet.

Mollis. Large, single, lemon yellow flowers with downy white foliage; blooms in August and September; 4 feet.

Multiflorus fl. pl. Large, double, Dahlia-like golden yellow flowers in great profusion during July and August; 4 feet.

Sparsifolius. Very large, gracefully formed flowers during August and September. One of the best for cutting. 6 feet.

Wolley Dod. The best of the September-flowering varieties with deep yellow flowers; entirely distinct; 6 feet.

Any of the above: 25c each; \$2.50 per doz.; \$15.00 per 100.

One each of the 5 *Helianthus* for \$1.10.

Heliopsis—Orange Sunflower ●

Similar in general habit to *Helianthus* but commencing to flower in July and August. Of dwarfer habit, rarely exceeding 3 feet in height. Valuable for cutting.

Pitcheriana. A desirable variety. The flowers are of a beautiful deep golden orange-yellow, about two inches in diameter, of very thick texture, and a useful cut flower.

Scabra excelsa. Rich chrome-yellow flowers turning to a very free flowering, and makes an effective display.

Either of the above: 25c each; \$2.50 per doz.; \$15.00 per 100.

Hemerocallis—Yellow Day Lily ●

Popular hardy plants belonging to the Lily family and as easy to grow as any hardy perennial in existence. They will thrive no matter what the soil, making a showy, well rounded bush of rich green grass-like foliage surmounted by fine large flowers in various shades ranging from yellow to orange depending upon the variety. They do well in sun or shade.

Flava (*Yellow Day Lily*). Very fragrant, deep lemon yellow blooms in June and July. 3 feet.

Florham (*Golden Day Lily*). Golden yellow with Indian yellow shadings. June and July. 3 feet.

Fulva (*Tawny Day Lily*). Trumpet shaped, rich orange flowers shaded darker. June and July. 4 to 5 feet.

Kwanso fl. pl. Double; bright orange. July. 4 to 5 feet.



Hemerocallis—Yellow Day Lily

Middendorff (*Dr. Regel's*). The first to bloom; May. Lovely large bell-shaped flowers of rich chrome-yellow. 1½ ft.

Thunbergi. The latest to flower. Funnel shaped, rich Buttercup yellow flowers throughout July. 4 feet high.

Any of the above: 30c each; \$2.75 per doz.; \$18.00 per 100.

New Giant Hybrid

Hemerocallis ●

These new Giant-Flowered Yellow Day Lilies have been selected from the choicest varieties of recent introduction by American and European hybridizers. They are a great improvement on the older types and should be in every garden. The flowers are not only very large but pure in color. The difference in the blooming period of the varieties offered below provides a flowering season much longer than that of the older sorts. We highly recommend these to every flower lover.

Bay State. Medium-sized round flowers of a rich deep pure yellow. Flowers early and profusely.

George Yeld. The most beautiful and distinct variety with large open flowers. The outer petals are a rich orange, the inner ones flushed orange-bronze. Midseason.

Goldeni. Large quantities of deep golden orange flowers. Vigorous and a most effective garden variety. Midseason.

Iris Perry. The earliest variety to flower. Of tall growth with beautiful deep bronzy orange blooms.

Lemona. An extremely vigorous, upright growing variety producing quantities of pale lemon yellow flowers. Very early.

Mrs. W. H. Wyman. Valuable on account of its extended flowering habit lasting a full month from early July until early August. Remarkably free blooming. The clear yellow blooms blend nicely with blue flowering perennials.

Any of these New Giant Hybrids: \$1.00 each.

The set of 6 New *Hemerocallis*, 1 each, \$5.00.

Hepatica—Liver Leaf △ ●

Triloba. A pretty native spring-flowering plant, with light blue flowers and attractive three-lobed foliage. Useful as a rock plant, for a shady spot in the border, or planted on the light woodland where it is perfectly at home. It thrives in a deep rich soil and where it does not lack moisture. 4 inches. 25c each; \$2.50 per doz.



Heuchera—Coral Bells

Heuchera—Coral Bells, Crimson Bells

△● At home in any half shaded or sunny position in the mixed border, in the rockery, or for mass planting. The plants grow in rosette-like form and produce numerous slender, many flowered, erect stems about 18 inches high above the light green leaves that last in good condition for a long time. These form excellent material for cutting. The plants are hardy and their flowering period covers late May, June, and July.

Rosmondi. Soft coral pink.

Sanguinea alba. A white form.

— **Pluie de Feu.** Deep coral red.

Any of the above: 30c each; \$3.00 per doz.; \$20.00 per 100.

Giant-Flowering Hibiscus**Marshmallow, Rosemallow**

A wonderfully improved form of our greatly admired native Marshmallow or Rosemallow with blooms frequently measuring 10 to 12 inches in diameter. Easy to grow blooming from July to September. 5 to 8 feet. We offer 3 distinct colors—**Red, Pink, and White** in strong 2 year old roots. 30c each; \$3.00 per doz.; \$20.00 per 100.

One each of the 3 colors 85c.

Dreer's Superb Hollyhocks

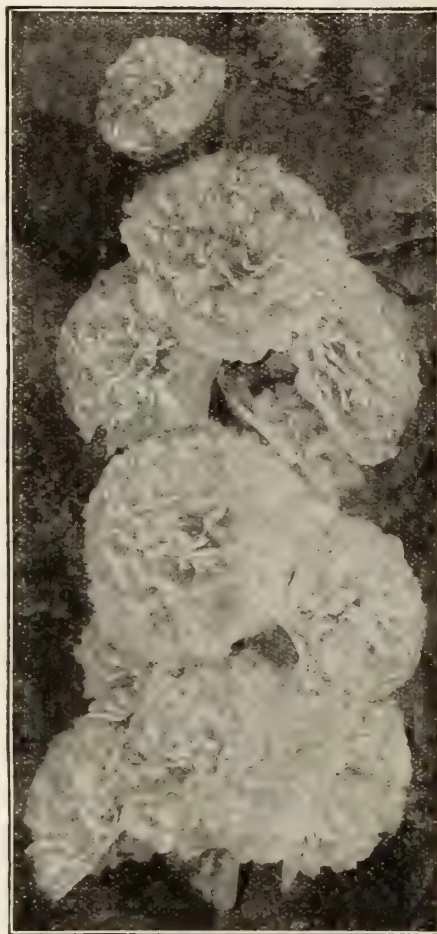
Stately, majestic, hardy plants from 6 to 8 feet high. They are a necessary part of every old-fashioned garden and should also find a place interspersed with shrubbery, as clumps on the lawn, or in the mixed border where their colossal spikes of bloom produce bold and showy effects which cannot be secured with any other flowering plant.

Hollyhocks require a deeply dug, well-drained soil, enriched with thoroughly decayed manure. They should be liberally supplied with water during dry weather. Slight protection throughout the winter will be beneficial. An occasional spraying with Bordeaux mixture, which should be applied early in the growing season, usually prevents rust which is prevalent in some localities.

Allegheny. Mammoth flowers, wonderfully formed of loosely arranged, fringed petals. The colors vary from the palest shrimp pink to deep red. Mixed colors only.

Double**Hollyhocks**

Stately plants, 5 to 6 feet high, with elegant large double blooms of exquisite texture.

Double Red**Double White****Double Rose****Double Yellow****Double Maroon****Double Mixed**

Double Hollyhock

Single. Many prefer the single-flowering Hollyhocks. They are usually of freer growth than the doubles and present a very handsome appearance when covered with their artistic blossoms. We can supply the singles in mixed colors only.

Any of the Hollyhocks:

25c each; \$2.50 per doz.; \$15.00 per 100.

Hypericum—St. John's Wort

Most desirable border plants of free and graceful habit producing long, slender, much branched stems, leafy to the base and all drooping towards the ends, apparently from the weight of the flowers and buds, although the flowers lack so none of their beauty is lost.

Moserianum. A marvelously free-flowering variety of large size measuring from 2 to 2½ inches in diameter. A rich golden yellow rendered still more effective by the numerous yellow stamens and crimson anthers. Blooms continuously the entire season; 2 feet.

Patulum grandiflorum. A very vigorous growing introduction from China with large, broad petaled flowers of a very bright yellow. 2 feet. August and September.

— **Henryi.** A comparatively new hardy St. John's Wort of shrubby habit, growing from 2 to 3 feet high. Masses of large, clear yellow flowers during July and August. Retains its neat foliage until late in the autumn.

Any of the three: 30c each; \$3.00 per doz.; \$20.00 per 100.



Iberis—Hardy Candytuft

Iberis—Hardy Candytuft △ ●

Sempervirens. Most desirable dwarf plants with evergreen foliage which is completely hidden by dense heads of pure white flowers early in the spring; 8 to 10 inches high.

— **Little Gem.** A perfect gem of very dwarf habit, not over 6 inches high, with masses of white flowers in May. A most valuable rock plant.

— **Snowflake.** A great variety, 6 to 8 inches high, having exceptionally large, pure white flowers borne in great masses during May and June.

Any of these: 30c each; \$3.00 per doz.; \$20.00 per 100.

Incarvillea—Hardy Gloxinia ●

Delavayi. Large Gloxinia-like, rose-colored flowers on 15 to 18 inch high stems during June and July. Succeeds either in sun or shade but should be well protected with leaves or litter during the winter. 35c each; \$3.50 per doz.

Iris sibirica—Siberian Iris ●



Iris sibirica

Orientalis. A very free flowering and showy Siberian Iris with lovely, large, rich violet-blue flowers with attractive markings on the falls. Blooms profusely during June and grows 3½ feet high.

— **Snow Queen.** A most meritorious variety with large and well formed snow white blooms. Very free flowering.

Perry's Blue. A comparatively new variety with very large, clear blue flowers on stout stiff stems. A vigorous grower and free bloomer. Splendid for cutting.

Any of the above: 25c each; \$2.50 per doz.; \$15.00 per 100.

Iris pumila hybrida △ ●

A cross between *I. pumila* and *I. germanica*. Very showy. Early flowering. 10 to 12 inches high.

Cyanea. Rich violet purple. } Any of these: 25c each;
Excelsa. Good pale lemon yellow. } \$2.50 per doz.; \$15.00 per
Schneekuppe. Pure white. } 100.

Iris cristata—Crested Dwarf Iris △

A tiny native species growing from 4 to 6 inches high. Delicate, richly marked pale lilac flowers late in May and June. Fine for the rockery or edge of border. 25c each; \$2.50 per doz.; \$15.00 per 100.

Iris interregna ● △

An interesting type, the result of crossing *I. germanica* with *I. pumila hybrida*. They bloom earlier than the German Iris and the flowers combine perfection of form with large size and clear and decided colors. Of dwarf growth with the flowers carried on stems 18 inches high.

Fritjof. Lavender standards, satiny violet-blue falls.

Helge. Creamy yellow standards, falls darker, veined yellow.

Spectabilis. Rich, free-flowering, violet-purple.

Any one: 25c each; \$2.50 per doz.; \$15.00 per 100.

Iris tectorum

The "Roof Iris" of Japan, grown on many thatched roofs of the cottages. A beautiful species from Japan and China. Hardy as far north as Philadelphia but should be carefully protected with leaves during winter; 12 inches high, flowering during June.

Tectorum. Delicately crested flowers of a beautiful shade of blue. 25c each; \$2.50 per doz.

— **album.** A rare white form. 60c each; \$6.00 per doz.



Japanese Iris

Japanese Iris—Iris Kaempferi

Blue Danube. Double blue with white veins; yellow center.

Blue Jay. Six aniline blue petals surrounded by a white halo.

Catherine Parry. Blue overlaid with rosy violet; double.

Eumee. A splendid single dark violet variety.

Gold Bound. Double creamy white with gold bands.

Hercule. Clear lilac-blue. Showy double blooms.

Mahogany. Six large, round petals of velvety crimson-purple.

Paragon. Rich royal purple with many white veins. Six petals.

Patrocle. A superb single with dark violet blooms.

Proserpine. A single variety with bright blue blooms produced by a sanding of velvety blue on white.

Pyramid. Six large royal purple petals with yellow center.

Venus. Glistening white with creamy white stigmas. Blooms very early and most profusely.

Any of the Japanese Iris:

35c each; \$3.50 per doz.; \$25.00 per 100.

The set of 12 Japanese Iris, \$3.50.

Japanese Iris in Mixture. 25c each; \$2.50 per doz.; \$15.00 per 100.

Iris germanica—Flowering Flag, Fleur de Lis**Ten Select Exhibition Varieties**

The following varieties are the most magnificent newer acquisitions obtained up to the present time. Their colorings and form are superb. They represent the giants of the family both in size of individual flowers and habit of growth.

Ambassadeur. One of the finest. The stout stems bear flowers of largest size, magnificent form, and unique coloring. Standards, deep lavender suffused with bronze; falls, maroon with purplish cast. 2½ ft.

Ann Page. A superb, tall growing variety, 4 feet high, with masses of clear lavender-blue flowers with large well rounded petals.

Citronella. A most handsome, rugged, free flowering, brilliant, late yellow with falls beautifully veined and mottled Vandyke red. 3 ft.

Imperator. A fine large red-toned Iris that makes a striking effect. Maroon-crimson falls. Standards, bronzy violet red. Tall, free, and effective. 3½ ft.

Lent A. Williamson. Exceptionally large flowers on tall strong stems. Standards, bright Lobelia blue, shot fawn at the edge; falls, rich velvety purple, suffused blue at the edge; bright golden yellow beard. 2½ ft.

Lord of June. One of the best; massive flowers of perfect form. Standards, pale lavender-blue; falls, deep aniline-blue. 3 ft.

Queen Caterina. This superb variety is one of the handsomest of all Iris. A giant in size of flowers as well as in habit of growth, attaining a height of fully 4 feet. The color is an exquisite shade of pure lavender-blue, being uniform in both standards and falls.

Shekinah. A delightful shade of pale yellow with amber shadings. A tall, handsome, conspicuous variety of very uncommon color. 2½ ft.

Suzanne Autissier. Individual flowers of heavy texture and spikes of enormous size. Falls, reddish purple; standards, light violet-blue. A very profuse bloomer growing 4 feet high.

Yolande. Large massive flowers of splendid form. A strong upright grower and remarkably free. Falls, rich deep blue; standards, violet-blue. 3½ ft.

Any of the above 10 Iris germanica:

35c each; \$3.50 per doz.; \$25.00 per 100.

The set of 10 varieties, one each, for \$3.00.



Iris germanica

Choice Garden Varieties

Archeveque. Standards, a rich shade of reddish purple; falls, dark velvety purple; very free. 2 ft.

Edouard Michel. One of the finest with flowers of large size, beautifully poised on stems 3 feet high. The standards are broad and frilled, of a distinct shade of reddish violet, the falls are slightly deeper in color.

Her Majesty. Standards and falls bright mauve. 1½ ft.

Honorabilis. Golden yellow standards and rich mahogany brown falls. 2 ft.

Iso-line. Standards, vinaceous lilac suffused with bronze; falls, light purple overlaid with bronze; base of petals, yellow with brown reticulations; golden yellow beard; height, 2½ ft.

Lohengrin. Foliage and flowers of gigantic size, with petals 2 inches wide, of a deep violet-mauve. 2½ ft.

Loreley. Perfect-shaped flowers. Falls of a deep ultramarine-blue, more or less veined with creamy white and bordered sulphur yellow, making a beautiful contrast. 2½ ft.

Mme. Chereau. Standards and falls pure white, daintily edged with light blue. 2½ ft.

Parisiana. Standards, Chinese violet shot with white at center; falls, white reticulated and spotted with Chinese violet at edges; very free; height 2½ ft.

Red Riding Hood. Falls, reddish purple with white reticulation at base; standards, soft rosy purple. 2½ ft.

Rembrandt. Standards, light lavender-blue; falls, of a deeper blue. Early flowering. 2 ft.

Sherwin-Wright. Flowers most profusely. A rich golden yellow without markings or shadings. The best and showiest yellow for mass planting. 2 ft.

Any of these: 25c each; \$2.50 per doz.; \$15.00 per 100.

Set of the 12, one each, for \$2.50.

Mixed Varieties. \$1.50 per doz.; \$10.00 per 100.

**Two Superb New
Iris germanica**

The two varieties here described, one a golden yellow, the other a rich velvety purple, bloom at the same time and when planted together form a brilliant rich color combination.

Gold Imperial. The best and most vigorous growing, free-flowering, golden yellow Iris. 2½ to 3 feet.

Souv. de Mme. Gaudichau. The largest, darkest, and by far the finest of the dark purple Irises. 2½ to 3 feet.

Either variety: 35c each; \$3.50 per doz.

One of each for 60c.

Iris pallida dalmatica

Foliis variegatis. This beautiful variety is conspicuous on account of its striking variegated foliage which is glaucous green with broad bands of creamy yellow, every leaf being well marked. It is of free growth, attains a height of 2 feet, and is very attractive even when not in flower. The blooms are of a clear lavender-blue. 50c each; \$5.00 per doz.

Princess Beatrice. This is the true type of pallida dalmatica and still one of the most attractive and satisfactory all-round varieties with flowers of large size. The standards and falls are clear lavender-blue shading to a pale silvery blue at the base. It is of strong vigorous growth over three feet high with unusually heavy glaucous foliage. Sweet scented. 25c each; \$2.50 per doz.; \$15.00 per 100.

Iris pseudacorus

The common yellow Water Flag, suitable for marshes and water courses. May and June; 4 feet. 25c each; \$2.50 per doz.; \$15.00 per 100.

Lavandula—Lavender △

Vera. This is the true Sweet Lavender. Grows about 18 inches high and has delightfully fragrant, blue flowers in July and August. 30c each; \$3.00 per doz.; \$20.00 per 100.

Lewisia △

Columbianum roseum. Flat rosettes of dark evergreen leaves with masses of medium-sized rosy purple flowers on 6 to 8 inch stems. Blooms from May to November. 50c each; \$5.00 per doz.

Liatris—Blazing Star, Gay Feather

Showy and attractive native plants succeeding anywhere. Produces large spikes of flowers in July and August.

Pycnostachya. Spikes of light rosy purple flowers; 5 feet.

Scariosa. Deep purple flowers; 3 to 4 feet high.

Either variety: 25c each; \$2.50 per doz.; \$15.00 per 100.

Linum—Flax

Perenne. A desirable plant for the border or rockery, growing 1½ feet high. Light graceful foliage and large blue flowers all summer long. 25c each; \$2.50 per doz.; \$15.00 per 100.

Lithospermum—Gromwell △ ●

Prostratum, Heavenly Blue. A most desirable evergreen rock plant of trailing habit bearing beautiful showy sky-blue flowers during spring and summer and frequently also in the fall. 75c each; \$7.50 per doz.

Lobelia ●

Cardinalis (Cardinal Flower). A handsome border plant with rich fiery cardinal flowers. Strong plants, often producing 10 to 18 spikes 24 to 30 inches long. They thrive in any ordinary garden soil but prefer a moist, deep loam where they will not suffer from drought. Few plants are more effective at their season of bloom which extends from early in August till late in September.

Syphilitica (Great Lobelia). A choice selection of our native Lobelia with large spikes of blue flowers; July to September. 2 to 3 feet.

Either of the above: 30c each; \$2.75 per doz.; \$18.00 per 100.



Lysimachia clethroides

Lysimachia ●

Clethroides (Goose-neck, Loosetrife). A fine hardy variety about 2 feet high. Has long, dense, recurved spikes of pure white flowers from July to September.

Fortunei. A neat plant, growing 18 inches high, with dense upright spikes of white flowers in August. The foliage turns to an attractive brilliant bronzy red in early autumn.

Nummularia (Creeping Jenny or Moneywort). △ Valuable for planting under trees or shrubs where grass will not grow as it quickly forms a dense carpet. Yellow flowers.

Any of the above: 25c each; \$2.50 per doz.; \$15.00 per 100.



Lupinus polyphyllus

Lupinus—Lupine ●

Effective plants with large spikes of flowers blooming profusely in May and June. They grow best in a well-prepared garden soil, preferably in a semi-shady location; 3 feet.

Polyphyllus. Clear blue.

—**albus.** A white variety of the above.

—**roseus.** A combination of light and dark shades of pink.

Any of these: 30c each; \$3.00 per doz.; \$20.00 per 100.



Lychnis chalcedonica

Lychnis—Campion, Lampflower

Of the easiest culture, thriving in any soil. In addition to this their brightness has brought them into high favor with lovers of hardy plants.

Chalcedonica (Maltese Cross). ● Most desirable. Brilliant orange-scarlet flower heads in June and July; 2 to 3 feet high.

—**alba.** A white-flowered form of the above.

Haageana. Brilliant orange-scarlet flowers in May and June; 12 inches.

Viscaria splendens fl. pl. Forms a dense tuft of evergreen foliage, and in June sends up spikes of handsome, double, deep red, fragrant flowers; 1 foot.

Any of the above: 30c each; \$2.75 per doz.; \$18.00 per 100.

The set of four Lychnis, one each, for \$1.00.

Lythrum—Rose Loosestrife ●

Roseum superbum. Large spikes of rose-colored flowers from July to September. Vigorous plant, 3 to 4 feet high.

—**Perry's Variety.** A splendid improvement with much larger cherry-red flowers and longer spikes than the type.

Either of the above: 25c each; \$2.50 per doz.; \$15.00 per 100.

Mazus △ ●

Reptans. A dainty and interesting Alpine creeper for a semi-shaded position in the rockery. Covered during May and June with white and purple Lobelia-like flowers; 4 inches. 35c each; \$3.50 per doz.

Mertensia—Blue Bells △ ●

Mertensia—Blue Bells

Virginica. An early spring flowering plant growing 1 to 1½ feet high. Has drooping panicles of pinkish buds opening into lovely clear blue flowers. Showy and interesting plants for the semi-shaded, moist garden spot. May and June. 25c each; \$2.50 per doz.; \$15.00 per 100.



Monarda—Bergamot

Monarda ●
Bergamot
Oswego Tea

Showy, aromatically scented plants growing 2 to 3 feet high and succeeding in any soil or position. They have bright showy flowers during July and August. Easy to grow.

Didyma, Cambridge Scarlet. A very fine, large flowered variety with beautiful brilliant crimson-scarlet blooms borne on straight well-formed plants. 25c each; \$2.50 per doz.; \$15.00 per 100.

Monarda, Mrs. Perry ●

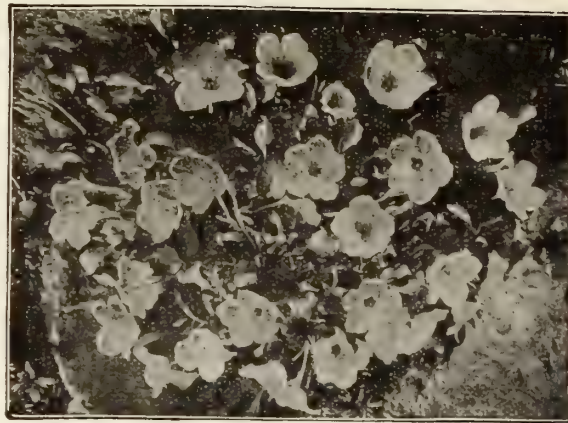
The finest of all Monardas with bold heads of brilliant rosy scarlet blooms. Brighter and more effective than Cambridge Scarlet. 35c each; \$3.50 per doz.

Myosotis—Forget-me-not ●

Palustris semperflorens. A variety that is hardly ever out of flower. Useful in a shady spot in the border. 25c each; \$2.50 per doz.; \$15.00 per 100.

Nepeta—Ground Ivy △ ●

Mussini. An excellent plant for any position but especially useful in the rock garden. It is of compact habit, forming dense tufts about 12 inches high covered with masses of small light violet-blue flowers during July and August. 25c each; \$2.50 per doz.; \$15.00 per 100.



Nierembergia rivularis

Nierembergia—Cupflower △

Rivularis. A charming dwarf Alpine plant with large, creamy white, cup-shaped flowers from June till September. Fine for the rockery but succeeds equally well in the border. 30c each; \$3.00 per doz.; \$20.00 per 100.

Oenothera—Evening Primrose △

The Evening Primroses are elegant subjects for growing in a sunny position either in a border or in the rockery. They bloom profusely during the greater part of the summer and always attract by the showy appearance of their large fragile blooms.

Missouriensis. Large yellow flowers, often 5 inches in diameter, produced freely from June till August; 12 inches.

Speciosa. A pure white variety with large flowers; 18 inches.

Youngi. Bright yellow; 18 inches.

Any of the above: 30c each; \$2.75 per doz.; \$18.00 per 100.

**Ophiopogon**
Jaburan variegatus △ ●

A very desirable border plant with long narrow green foliage prettily striped with gold. Has showy spikes set with deep blue flowers during July and August. Its compact growth makes it most desirable for dwarf beds, borders, and for planting in the rock garden. Though entirely hardy it often is grown as a pot plant. 30c each; \$3.00 per doz.; \$20.00 per 100.

Pachysandra—Japanese Spurge △ ●

Terminalis. A spreading plant, 6 to 8 inches high, forming broad mats of bright glossy green foliage and small upright spikes of creamy white flowers during May and June. Invaluable as a ground cover plant either in sun or shade. 25c each; \$2.50 per doz.; \$15.00 per 100; \$120.00 per 1000.

HARDY PERENNIAL PLANTS

Papaver nudicaule △

Iceland Poppy

Of neat habit forming a tuft of bright green Fern-like foliage from which spring throughout the entire season a profusion of slender leafless stems one foot high, each graced with a charming cup-shaped flower. We can supply these in Yellow, Orange, White or Mixed. 25c each; \$2.50 per doz.; \$15.00 per 100.

Papaver orientale—Oriental Poppy ●

These are the real representatives of this popular genus, growing 3 to 3½ feet high and far surpassing in splendor of bloom all the annual and biennial kinds and for a gorgeous display of rich and brilliant coloring nothing equals them during their period of flowering in May and June. We offer the following distinct varieties:

Beauty of Livermore. Crimson with dark blotch.

Jeannie Mawson. Beautiful large flowers of soft rose.

May Sadler. Salmon-pink with black markings.

Mrs. Perry. Salmon-rose.

Olympia. A double flowering variety introduced several years ago, the earliest to come into bloom, vigorous habit but of compact growth. It produces more flowers than any other variety. In color a brilliant rich flame scarlet overlaid with glistening golden salmon; 2 to 2½ feet high.



Perry's White Oriental Poppy

Perry's White. Fine satiny white with a crimson-maroon blotch at the base of each petal.

Royal Scarlet. A large flower of rich orange-red color.

Wurtembergia. One of the finest rich orange-red varieties.

Any of the above: 30c each;

\$2.75 per doz.; \$18.00 per 100.

The set of 8 Oriental Poppies \$2.00.

Choice Mixed Oriental Poppies. Grown from a select strain. 20c each; \$2.00 per doz.; \$12.00 per 100.

Pentstemon—Beard Tongue

Most useful showy perennials either for the border or rockery. They bloom profusely throughout the summer months.

Barbatus, Pink Beauty. Long spikes of bright clean shell pink flowers on stately spikes 2 to 3 feet long.

—Torreyi. Spikes of brilliant scarlet flowers; height 3 to 4 feet.

Digitalis. Large spikes of long, purple-white flowers with purple throats; 2 to 3 feet.

Heterophyllus. Large azure blue flowers. 2 feet.

Pubescens. Bright rosy purple; 1½ feet.

Any of the above: 25c each; \$2.50 per doz.; \$15.00 per 100.

Dreer's Fragrant Peonies



Albert Crousse. A tall, late, very large rosy white, flecked with crimson. Of bomb shape. Fragrant. Splendid for cutting.

Avalanche. Tall, blooming during midseason. Very large, well formed creamy white blooms of splendid formation.

Baroness Schroeder. A tall, midseason Peony of rose type. Has large globular, flesh white flowers passing to milky white.

Duchesse de Nemours. Of medium height. Early. Has white guard petals and sulphur yellow center. Very beautiful.

Edulis Superba. Tall and early. Beautiful clear light pink with silvery reflex. Fine for Memorial Day.

Felix Crousse. Medium height blooming during midseason. Brilliant ruby red flowers of typical bomb shape.

Festiva Maxima. Grows tall and blooms early. White, rose type flowers with crimson markings in the center.

Germaine Bigot. A tall, midseason Peony with large, flat, pale lilac-rose blooms flecked crimson.

Karl Rosefield. Tall, blooming during midseason. Globular semi-rose type flowers of a striking crimson color.

Louis Van Houtte. Of dwarf growth and late blooming. Rich deep crimson flowers developing silvery tips.

Meissonier. Grows tall and blooms late. Has brilliant purple-red guard petals and deep crimson center.

Mme. Auguste Dessert. Of tall growth and late blooming. Beautiful large rose-pink flowers flecked with crimson.

Mme. Duce. A dwarf, midseason bloomer of bomb type. Bright silvery pink shaded salmon with silver reflex.

Mme. Emile Galle. Of medium growth, midseason bloomer. Large, cup-shaped, double, shell pink with lavender tips.

Mons. Jules Elie. Medium height. Midseason. A peerless lilac-rose with silvery reflex. Very large and handsome.

Any of the above: 50c each; \$5.00 per doz.; \$40.00 per 100.

One strong root each of these 15 sorts for \$7.00.

Double Peonies in Mixture

Double Pink

Double White

Double Red

Double All Colors Mixed

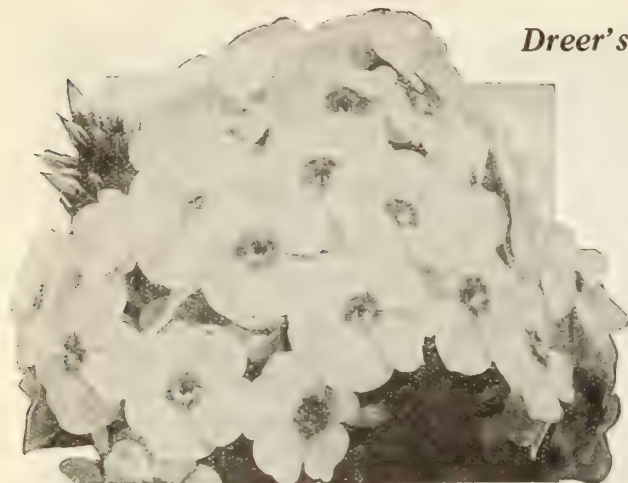
Any of the above: 35c each; \$3.50 per doz.; \$25.00 per 100.

Old-Fashioned Double Red Peony

Paeonia officinalis rubra

This is the oldest and still one of the most popular of all Peonies. Blooms early and most profusely, supplying the gardener with glorious deep crimson blooms of excellent size. 60c each; \$6.00 per doz.

Dreer's Superb Hardy Phlox



Hardy Phlox

Among the hardy perennial plants no class is of more importance than Phlox. The plants succeed in almost any soil and position, and flower through a long season. While they will continue in good condition and flower freely for many years without attention, yet they respond quickly to and are improved by cultivation.

The habit of growth is indicated by D=Dwarf, M=Medium; T=Tail.

- Albion.** Pure white with just a faint red tinted eye. M.
Aldenharn Triumph. Silvery pink with cherry red eye. T.
Antonin Mercie. Bluish lilac on a light ground color. M.
Bacchante. Tyrian rose with a crimson-carmine eye. T.
B. Comte. Rich French purple. A very charming shade. T.
Bridesmaid. Pure white with large carmine eye. M.
Champs Elysee. A very effective bright rosy magenta. D.
Deutschland. A very showy, bright orange-scarlet. T.
Eclairer. Brilliant rosy magenta with lighter halo. M.
Enchantress. One of the finest salmon-pinks. D.
Firebrand. Brilliant vermilion-scarlet with deeper center. D.
Jules Sandeau. A large, free flowering salmon-pink. D.
La Vague. Pure mauve with a contrasting aniline red eye. D.
Milly Von Hoboken. Mammoth peach pink blooms with a lovely soft mauve suffusion. A gem with large trusses. T.
Mrs. Jenkins. The best all-around pure white. Blooms early and gives a showy display. M.
Painted Lady. Silver pink, shaded salmon and cherry red eye. T.
Pastel Pink. Silver pink with salmon-pink shadings. T.
Professor Virchow. Bright carmine, shaded orange-scarlet. M.
Rheinlander. Salmon-pink with a deep claret red eye. D.
Riverton Jewel. A lovely mauve-rose with carmine-red eye. D.
R. P. Struthers. Bright rosy carmine with claret red eye. T.
Rynstrom. An appealing and most effective carmine-rose. T.
Thor. Deep salmon-pink, shaded scarlet; aniline red eye. D.
Widar. Light reddish violet with large white center. D.

Any of the above: 25c each; \$2.50 per doz.; \$15.00 per 100.

Three Newer Phlox

- Diplomat.** An American variety of sturdy upright growth with enormous trusses of the purest white flowers. Free branching with distinct heavy dark green foliage. The finest white Phlox. D.
Leo Schlageter. A newer European introduction with large pyramidal trusses of bright scarlet with dark crimson eye. A strong thrifty grower and free blooming. D.
Salmon Glow. Originated in New England as a cross between Jules Sandeau and Elizabeth Campbell, two of the most popular in the American market today. A sturdy plant of medium growth with large individual florets of a lively pink shaded with salmon—a color that is always greatly admired. D.

Any of the above three: 35c each; \$3.50 per doz.; \$25.00 per 100.
 Set of the Three Newer Phlox, one each, \$1.00.

Early-Flowering Hardy Phlox

Miss Lingard. This grand white variety is one of the most popular sorts grown. It grows about 2 feet high and starts to bloom in May, continuing to flower until late in October. 25c each; \$2.50 per doz.; \$15.00 per 100.

Various Species of Phlox

Amoena. $\Delta \odot$ A useful variety for carpeting the ground and splendid in the rockery or border. Grows but 4 inches high and is a sheet of bright pink flowers in spring.

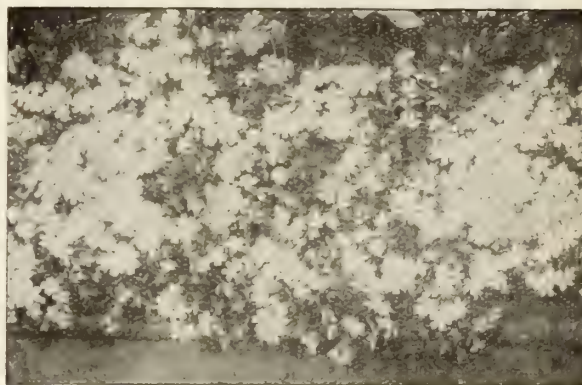
Arendsi Louise. A cross between *divaricata canadensis* and one of the *decussata* varieties. Of vigorous branching habit, about 12 inches high, producing delicate lilac flowers from May to July.

Divaricata canadensis. $\Delta \odot$ One of our native species worthy of extensive planting. Begins to bloom early in April and continues through May. Large, fragrant, lavender flowers on 10 inch stems.

Maculata hybrida Alpha. A cross between our native species *maculata* and some of the showier varieties of *decussata*. Though its soft amaranth-pink color is not rich the variety is so remarkably free flowering that it should find a place in every collection. Grows about 2½ feet high and gives a large panicle of flowers on each branch. Blooms continuously from June until freezing weather.

Ovata caroliniana (Mountain Phlox). $\Delta \odot$ Grows 12 to 15 inches high and bears masses of reddish pink flowers in May and June.

Any of the above: 25c each; \$2.50 per doz.; \$15.00 per 100.



Phlox subulata—Moss Pink

Phlox subulata—Moss or Mountain Pink $\Delta \odot$

An early spring-flowering type with pretty, moss-like, evergreen foliage, which during the flowering season is hidden under the masses of bloom. An excellent plant for the rockery or the border, and invaluable for carpeting the ground.

- Alba.** Pure white. **Lilacina.** Light lilac.
Fairy. Pale blue, dark eye. **Nelsoni.** Miniature white.
Rosea. Pure rose.

Any of these: 25c each; \$2.50 per doz.; \$15.00 per 100.

Three Distinct Phlox subulata $\Delta \odot$

Blue Hill. A uniform, compact grower producing early in the spring and again in late fall a splendid display of deep blue flowers. One of the best and surely a most distinct type and color.

Brilliant (Atropurpurea). A compact growing variety. A brilliant sport of the same bright crimson-red as the popular Azalea Hinodegiri. Very distinct.

Vivid. A companion sort similar in habit to the above but differing in the color of its flowers which are a pleasing bright salmon-pink.

Any of the above: 25c each; \$2.50 per doz.; \$15.00 per 100.

HARDY PERENNIAL PLANTS

Physalis—Chinese Lantern Plant ●

Francheti. An ornamental variety of the Winter Cherry. Forms dense bushes, about 2 feet high, freely covered with bright orange-scarlet lantern-like fruits, which can be cut and dried, in which shape they are used extensively for floral decoration during the winter. 25c each; \$2.50 per doz., \$15.00 per 100.

Physostegia—False Dragon-Head ●

One of the most beautiful of our midsummer flowering perennials. Forms dense bushes 4 to 6 feet high, bearing spikes of delicate tubular flowers not unlike a gigantic Heather.

Virginica. Bright but soft pink.

— **alba.** Pure white; very fine.

Either variety: 25c each; \$2.50 per doz.; \$15.00 per 100.



Physostegia grandiflora, Vivid

Physostegia grandiflora, Vivid ●

A new variety growing from 18 to 24 inches high. Bears very showy, extra large flowers of a beautiful bright violet-mauve color during late summer and fall. 25c each; \$2.50 per doz.; \$15.00 per 100.

Platycodon

Balloonflower, Japanese Bellflower

The Platycodons are closely allied to the Campanula and form neat, branched bushes of upright habit, 2 to 2½ feet high. Attractive blue or white flowers from July to October.

Grandiflorum. Blue.

— **album.** White.

Either variety: 25c each; \$2.50 per doz.; \$15.00 per 100.

Plumbago—Cerasostigma, Leadwort △

Larpentae. One of the most desirable border and rock plants.

It is of dwarf, spreading habit, growing 6 to 8 inches high. Covered with deep blue flowers during the summer and fall months. 30c each; \$3.00 per doz.; \$20.00 per 100.

Polemonium—Jacob's Ladder △ ●

Reptans. A dwarf variety growing about 12 inches high. Has finely cut, deep green foliage and showy spikes of deep blue flowers in May and June. Does best in a partially shaded position. 30c each; \$3.00 per doz.; \$20.00 per 100.

Hardy Primulas—Primroses △ ●

Most beautiful and interesting early spring flowers. Plant them in rich, well-drained soil in the border or in a sheltered nook in the rockery; if possible, in a half-shady place. 6 to 12 inches high.

Acaulis caerulea. A most novel variety with deep purple-blue flowers of large size. Early. 50c each; \$5.00 per doz.

Cashmeriana. Large globular heads of a pleasing purplish blue; prefers a moist soil. June. 35c each; \$3.50 per doz.

Veris (*English Cowslip*). Plants grown from a select strain of seed. They embrace a fine range of mixed colors.

— **Munstead.** A beautiful strain of large-flowered types in which the white and yellow colors predominate. Of vigorous growth. Free blooming and exceedingly showy.

Vulgaris (*English Primrose*). An old favorite, and should be found in every garden; one of the earliest spring flowers; of bright canary yellow; very fragrant.

— **lilacina plena.** This double-flowering form of the English Primrose is a real gem. The flowers remind one in form of miniature double Roses. Their color is a delicate clear pinkish lavender. 50c each; \$5.00 per doz.

Any of the above, except where noted:

30c each; \$3.00 per doz.; \$20.00 per 100.



Primula veris superba—Giant Cowslip

A giant-flowering form with individual flowers which measure one to two inches across. They are a bright canary yellow with a golden center. Perfectly hardy and exceedingly free flowering. 50c each; \$5.00 per doz.

Prunella—Selfheal △ ●

Incisa rosea. Close tufts of dark green foliage. Forms neat little spikes, 8 to 10 inches tall, which are covered with bright pink flowers from June to August. 25c each; \$2.50 per doz.; \$15.00 per 100.

Pyrethrum hybridum

These grand old-fashioned hardy perennials are easy to grow in any good garden soil where there is good drainage and full exposure to the sun. They prefer to be left undisturbed for two or three years and flower generously if given an annual top dressing of well-rotted manure. Their season of blooming is in June and July; 18 to 24 inches. We offer choicest mixed colors. 25c each; \$2.50 per doz.; \$15.00 per 100.

Pyrethrum uliginosum—Giant Daisy ●

Grows 3 to 4 feet high and is covered with large white Daisy-like flowers, 3 inches in diameter, from July to September. 25c each; \$2.50 per doz.; \$15.00 per 100.

Ranunculus—Bachelor's Button △ ●

Repens fl. pl. (*Trailing Buttercup*). Trailing plants covered with masses of bright golden yellow, double flowers during May and June. 25c each; \$2.50 per doz.



Romneya Coulteri

Romneya**California Tree or Matilija Poppy**

Coulteri. This beautiful Poppy is hardy as far north as Philadelphia but should be planted in a well-drained, sunny, sheltered position. It grows 5 to 6 feet high and frequently has from 12 to 15 expanded flowers on a single shoot at one time. The flowers are white, 5 inches across, delicate and transparent, yet remain in a good condition for several days. Delightfully fragrant. Blooms in late summer and fall. Strong plants, \$1.50 each.

Rosmarinus—Rosemary

Officinalis. An old favorite aromatic herb of neat habit. Requires protection. 2 feet. 30c each; \$3.00 per doz.; \$20.00 per 100.

Rudbeckia—Coneflower ●

Indispensable plants for the hardy border. They grow and thrive anywhere, giving a wealth of bloom. Showy in the garden and fine for cutting.

Golden Globe. An improved globular form of the popular Golden Glow with large double golden yellow flowers. July to September. 5 feet.

Newmani. Dark orange-yellow flowers with deep purple cone; borne on stiff wiry stems. Flowers from July to September. 3 feet high.



Rudbeckia purpurea

Purpurea (Giant Purple Coneflower). Showy reddish purple flowers about 4 inches across and with a remarkably large, cone-shaped center. Forms bushy plants 3 feet high and blooms from July to October.

Any of the above: 25c each; \$2.50 per doz.; \$15.00 per 100.

Salvia—Sage

Azurea. A splendid, tall variety growing 3 to 4 feet high. Bears during August and September showy racemes set with pretty, sky blue flowers. Gorgeous for the garden and for cutting.



Salvia Pitcheri

Virgata nemorosa. A most effective border plant, 2 feet high, with dark blue flowers during May and June.

Either of the above: 30c each; \$2.75 per doz.; \$18.00 per 100.

Salvia Pitcheri**Blue Meadow Sage**

This comes to us from the wilds of Colorado and it is one of our most attractive native hardy plants. A true blue flower with a long season of bloom extending from August until October. It thrives in any situation and does well almost without care. The deep indigo blue flowers are borne profusely on long slender stalks, 4 to 5 feet high, and they bloom when blue flowers are rather scarce. This variety is extremely hardy and will winter over in any part of the country without protection. 30c each; \$2.75 per doz.; \$18.00 per 100.

Santolina—Lavender Cotton △

Chamaecyparissus (incana). A dwarf evergreen perennial with attractive silvery white foliage. Useful as a rock or border plant, and largely used for carpet bedding. 25c each; \$2.50 per doz.; \$15.00 per 100.

Saponaria—Soapwort △

Ocymoides splendens. Masses of attractive bright rose flowers from May to August; 8 inches. A fine rock garden and border plant. 25c each; \$2.50 per doz.; \$15.00 per 100.

Saxifraga—for the Rock Garden △ ●

Aizoon balcana. Forms a lovely rosette of silvery leaves from which arise clusters of small white flowers speckled with crimson. The flower stalks are 12 inches high.

—baldensis. This is the tiniest of the type forming most interesting miniature cushions of small rosettes of a beautiful silvery green color.

Decipiens (Crimson Moss). Dwarf, mossy plants with white flowers in May and June. The green foliage turns to a beautiful crimson during the winter.

Macnabiana. Splendid for the wall garden or in rock crevices. Has gray-green foliage arranged in a beautiful rosette. Bears during May and June lovely spikes set with small white flowers attractively speckled with pink.

Umbrosa (London Pride, Nancy Pretty, None-so-Pretty). A low growing, spreading sort with stems a foot high. Has white flowers sometimes suffused with red. Blooms freely during June and July.

—primuloides. A tiny, compact form of Umbrosa carrying lovely pink flowers on 6 inch stems.

Any of these: 50c each; \$5.00 per doz.

Saxifraga—Megasea ●

These grow about 1 foot high and are admirable for the front of the border or shrubbery, forming masses of handsome, broad, deep green foliage and pretty rose-pink flowers very early in the spring.

Cordifolia. Light pink. **Crassifolia.** Rosy pink.

Either one: 50c each; \$5.00 per doz.



Scabiosa caucasica

Hardy Scabiosa

Handsome border plants, succeeding in any ordinary soil if well drained and in a sunny location. Should be grown in every garden. They last a long time when picked and placed in water.

Caucasica (*Blue Bonnet*). A charming soft shade of lavender.

Blooms from June to September; 18 to 24 inches high.

—**alba**. A white form of caucasica.

Japonica. Lavender-blue flowers from July to September; 2 feet.

Any of these: 30c each; \$3.00 per doz.; \$20.00 per 100.

Dwarf Varieties of Sedum—Stonecrop △

These are splendid for the rock garden and the rock wall because they are suited to dry, sunny positions. Quite a few of the varieties are evergreen throughout the year.

Acre (*Golden Moss*). Much used for covering purposes and fine in the rock garden. Has evergreen green foliage and bright yellow flowers. 2 to 3 inches high.

Album. A fine evergreen, creeping variety with green foliage and white flowers. 2 to 3 inches high.

Lydium. An evergreen variety with bronzy green foliage and pink flowers. 1 to 2 inches high.

—**glaucum.** Glaucous green foliage of evergreen nature. Lovely pink flowers. 1 to 2 inches high.

Pruinatum Forsterianum. Evergreen, glaucous, fleshy green leaves and golden yellow flowers. 2 to 3 inches high.

Sarmentosum. ● A vigorous variety of spreading habit. Bright green foliage and yellow flowers. 6 inches high.

Sexangulare. Evergreen foliage of a rich dark green color and lovely yellow flowers. 4 to 5 inches high.

Sieboldi. A showy Japanese variety with round, succulent, glaucous foliage and bright pink flowers from August to October. 8 to 10 inches high.

Stoloniferum. Most desirable with flat succulent leaves and purplish pink flowers during July and August. 6 inches.

—**coccineum.** A beautiful form of the above with rosy crimson flowers. Blooms during July and August. 6 inches high.

Any of the above: 30c each; \$2.75 per doz.; \$18.00 per 100.

The set of 10 Dwarf Sedums \$2.00.



Sedum spectabile

Sedum—Erect Growing Varieties △

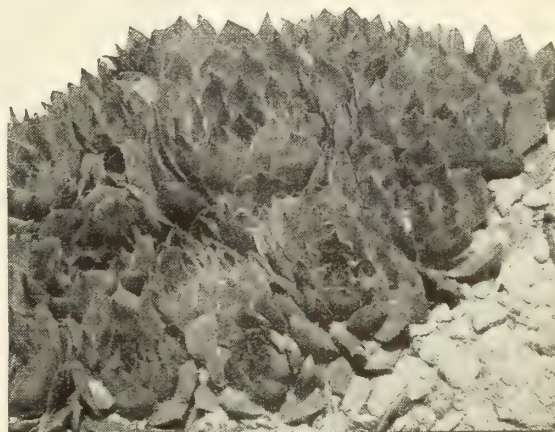
These upright growing varieties of Sedum are very useful and pretty plants for the border where they give an interesting display of showy flowers during the late summer and fall. They are also fine for the rock garden.

Maximum atropurpureum. A very interesting and desirable variety with most unusual large foliage of a beautiful dark bronzy purple color.

Spectabile. A well known variety and one of the prettiest making an upright growth about 18 inches high. Has broad, light green foliage and large heads of handsome, showy, rose colored flowers during the summer and fall.

—**Brilliant.** Similar to the above in height and form but with showy bright amaranth red flower heads.

Any of the above: 30c each; \$2.75 per doz.; \$18.00 per 100.



Sempervivum globiferum

Sempervivum—Houseleek △

Very interesting succulents which are perfectly hardy. They form attractive rosette-like plants which add a charming character to the rock garden wedged into the narrow stone fissures.

Arachnoideum.

Brauni.

Doellianum.

Globiferum.

Pyrenaicum.

Tectorum.

Violacea.

Any of these: 25c each; \$2.50 per doz.; \$15.00 per 100.

Senecio—Groundsel ●

Pulcher. Forms a neat tuft of foliage with clusters of brilliant rosy purple flowers, borne profusely on stems 2 feet high from July until October. 30c each; \$3.00 per doz.; \$20.00 per 100.

Shortia galacifolia △ ●

A rare and handsome evergreen perennial with bronzy green foliage. The flowers are borne on stiff wiry stems. They are pure white turning pink with age. Requires shade and a soil rich in leaf-mould. 50c each; \$5.00 per doz.

Sidalcea—Prairie Mallow

Showy, erect growing, and free branching plants 2 to 3 feet high. They have showy mallow-like blooms about 1 inch in diameter during June and July.

Candida. Splendid large white blooms.

Rose Queen. Bright rose flowers, borne profusely.

Either of the above: 30c each; \$3.00 per doz.; \$20.00 per 100.

Silene—Catchfly △

Maritima. Compact masses of glaucous blue foliage covered with pinkish white flowers from June to August. Suited for hot, dry spots in the rocky, or for rock walls; 2 to 3 inches.

Schafta (Autumn Catchfly). A charming border or rock-plant 4 to 6 inches high. Bright pink flowers from July to October.

Either of the above: 30c each; \$2.75 per doz.; \$18.00 per 100.

Solidago—Golden Rod

Altissima. The giant of the family. Grows 10 to 12 feet high and has large heads of golden yellow flowers which reach perfection late in October.

Golden Wings. The finest of all; 4 feet high. Immense panicles of bright yellow flowers from July to September.

Shorti. Golden yellow flowers in July and August. 3 feet.

Any of these: 25c each; \$2.50 per doz.; \$15.00 per 100.

Set of 3 varieties of Solidago, 65c.

Spiraea—Goat's Beard, Meadow Sweet ●

Elegant border plants with feathery plumes of flowers and attractive foliage. They succeed best in a half shaded location.

Filipendula (Dropwort). Clusters of white flowers during June and July, and pretty fern-like foliage. 15 inches high.

— **flore plena.** Identical with the above, excepting that the flowers are double.



Spiraea ulmaria fl. pl.

Palmataelegans (Crimson Meadow Sweet)

One of the prettiest. The deep purple-red of the stems and branches passes into the crimson-purple of the broad corymbs of flowers, which are produced very freely during June and July; 3 feet.

Ulmara fl. pl. (Meadow Sweet). Grows about 3 feet high and produces its double white flowers during June and July.

Any of these: 35c each; \$3.50 per doz.; \$25.00 per 100.

One each of the above 4 Spiraeas, \$1.25.

Stachys—Woundwort

Lanata. Forms a densely-leaved mass of bright silvery white, woolly foliage and clusters of light purple flowers. July. 25c each; \$2.50 per doz.; \$15.00 per 100.

Statice—Great Sea Lavender

Latifolia. An attractive and showy plant for borders and beds. Makes tufts of large, long, leathery leaves from which spring large, branched flower stems with candelabra-like heads frequently 1½ feet high and 2 feet across. They are covered with small purple-blue flowers during July and August. Fine for winter bouquets. 25c each; \$2.50 per doz.; \$15.00 per 100.

— **elegantissima.** A greatly improved form with larger flowers and more showy heads. Always splendid for winter bouquets. 30c each; \$2.75 per doz.; \$18.00 per 100.



Stokesia

Stokesia—The Cornflower or Stokes' Aster

Cyanea. Handsome lavender-blue Cornflower-like blooms produced freely on plants 18 inches high. They give a fine display from early June until October.

— **alba.** A showy white form of the above.

— **lutea.** The flowers are a fine shade of creamy yellow.

Any of the above: 25c each; \$2.50 per doz.; \$15.00 per 100.

Sweet William—Dianthus barbatus △ ●

A well-known, attractive, free-flowering hardy perennial, producing in early summer a splendid effect in beds and borders with their rich and varied flowers. 12 to 18 inches.

Newport Pink. The prettiest color among Sweet William, a lovely salmon or Watermelon pink.

Pure White. Very large individual flowers and trusses.

Scarlet Beauty. Rich deep scarlet; very effective.

Mixed. Containing all colors.

Any of the above: 25c each; \$2.50 per doz.; \$15.00 per 100.

Teucrium—Germander △

Chamaedrys. An evergreen plant of dwarf shrub-like habit. Glossy aromatic foliage with spikes of purple flowers in July and August. 12 inches. 35c each; \$3.50 per doz.

Thalictrum—Meadow Rue ●

Very graceful, pretty flowered plants with finely cut foliage. Great favorites for planting in the hardy border.

Aquilegifolium album. Elegant Columbine-like foliage and masses of feathery white flowers during June and July. 3 feet.

— **atropurpureum.** A rosy purple form of the above.

Glaucum. Finely cut, glaucous foliage. Bronzy yellow flowers in June; 2 feet high.

Intermedium. Pale yellow flowers in July; 2 feet.

Any of the above: 30c each; \$3.00 per doz.; \$20.00 per 100.

Thermopsis

Caroliniana. A showy, tall-growing plant attaining a height of 3 feet. Has long spikes of yellow flowers in June and July. 30c each; \$2.75 per doz.; \$18.00 per 100.

Tradescantia—Spiderwort ●

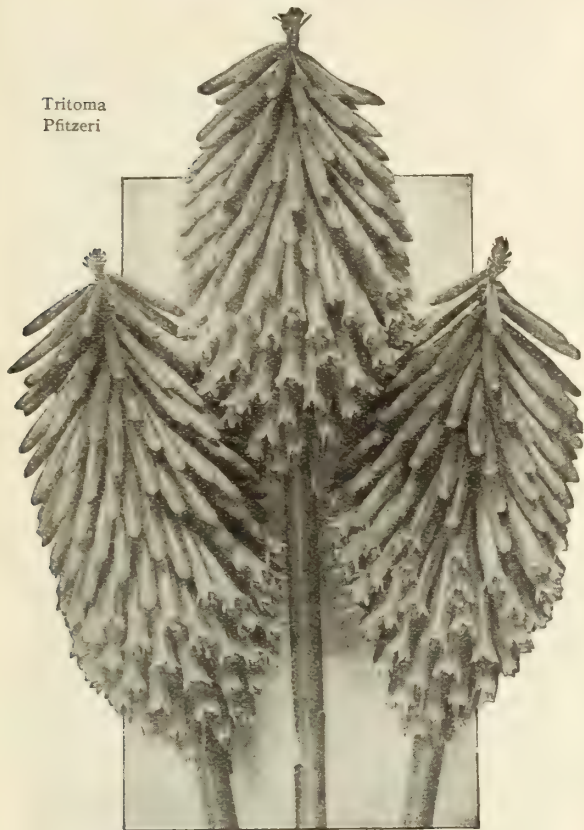
Virginica. Produces blue flowers all summer long; 2 feet.
— **alba.** A white-flowered form.

Either one: 25c each; \$2.50 per doz.; \$15.00 per 100.

Trillium—Wood Lily, Wake Robin ●

Grandiflorum. Excellent for shady positions in the hardy border or in a moist position. Large pure white flowers in early spring; 12 to 18 inches. 15c each; \$1.50 per doz.; \$10.00 per 100.

Tritoma
Pfitzeri



Tritoma—Kniphofia

Red-Hot Poker, Flame Flower, Torch Lily

Tritomas succeed in any ordinary garden soil but respond quickly to liberal treatment. Hardy if given protection, but the most satisfactory method of wintering is to bury the roots in sand in a cool cellar.

Elegans Hybrids. Seedlings in mixed colors, ranging from pale yellow to deep orange-red. Very showy, early, and free flowering. 3 to 4 feet. August to October. 30c each; \$2.75 per doz.; \$18.00 per 100.

Pfitzeri (The Everblooming Flame Flower). The early, free, and continuous blooming qualities of this variety have made it one of the great bedding plants. In bloom from August to October with spikes 3 to 4 feet high and heads of bloom of a rich orange-scarlet. They give a grand effect either planted singly in the border or in masses. 30c each; \$2.75 per doz.; \$18.00 per 100.

Tritoma Mt. Etna

A very distinct variety of Tritoma. Of vigorous growth and remarkably free flowering. Blooms continuously from July until October bearing enormous spikes of rich glowing red flowers. We highly recommend this variety as one of the most distinct recent introductions. 50c each; \$5.00 per doz.



Trollius—Globeflower ●

Europaeus Hybrids. Desirable, free flowering hybrids with giant Buttercup-like blossoms ranging from pale yellow to deep orange on strong stems; May and June; 2 feet high.

Meteor. Very large, deep rich orange. May and June; 3 feet.

Orange Globe. A rare variety with large orange flowers. Wonderful as cut flowers; May and June; 18 inches.

Superbus. Similar in habit to Orange Globe but has pale yellow blossoms; May and June; 18 inches.

Any of the Trollius: 35c each; \$3.50 per doz.; \$25.00 per 100.
The set of 4 Trollius, one of each, for \$1.25.

Tunica—Tunicflower △

Saxifraga. A charming little spreading plant growing from 6 to 8 inches high. Has minute, dark green foliage and is covered with tiny flowers varying from pale to dark pink. Attractive in the rockery or on the edge of the border. June to August. 25c each; \$2.50 per doz.; \$15.00 per 100.

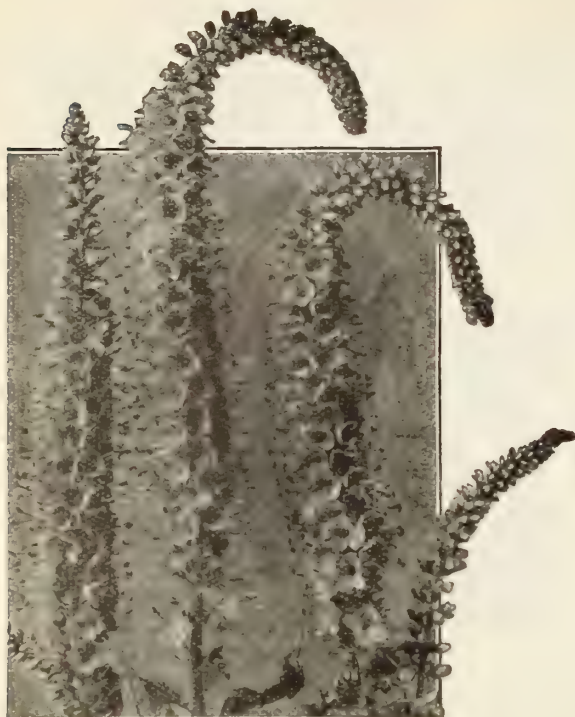
— **flore plena rosea.** A pretty, new, double flowering form of the above in which the flowers, besides being double, are also considerably larger and of a deeper color. The plants are perpetual flowering. They begin to bloom in June and continue until late in the fall. 30c each; \$3.00 per doz.; \$20.00 per 100.



Valeriana officinalis

Valeriana—Valerian ●

Officinalis (Hardy Garden Heliotrope). Produces showy heads of rose-tinted white flowers, with delicious, strong heliotrope odor. Blooms during June and July; 3 to 4 feet. 25c each; \$2.50 per doz.; \$15.00 per 100.



Veronica longifolia subsessilis

Veronica—Speedwell

A very interesting and showy class of hardy perennial plants, highly valued on account of its brightly colored flowers. All of them do well in a moderately rich soil.

Amethystina Royal Blue. Gentian blue; June and July; 2 feet.

Incana. Silvery foliage, blue flowers; July and August; 1 foot.
Longifolia subsessilis (*Japanese Speedwell*). The showiest and best. Bushy plants 2 to 3 feet high. Long dense spikes of blue flowers from mid-July to early September.

Rupestris. △● Fine rock plant growing 3 to 4 inches high. Thickly matted, deep green foliage hidden under a cloud of bright blue flowers during May.

— **nana.** △● Grows 1 inch high, forming a dense carpet of dark green foliage. Deep gentian blue flowers from late April to early June.

Spicata. ● Long, broad, blue flower spikes in June and July. 1½ feet.

— **alba.** ● A white-flowered form of the above.

— **rosea.** ● Lovely spikes of delicate pink flowers.

Trehani. △ A pretty rock plant forming a golden carpet covered with deep gentian blue flowers in early May; 8 inches high.

Any of the above: 30c each; \$2.75 per doz.; \$18.00 per 100.

Set of 9 Veronics, one each, \$2.50.

Three Choice Vincas △ ●

Minor alba. A pure white flowered form of our popular Periwinkle. Showy but scarce, and always in demand.

— **aurea.** Golden variegated foliage and blue flowers. Useful as plants for carpeting the ground and valuable for use in window boxes during the winter in combination with Boxwoods and other evergreen plants.

— **Bowles Variety.** This new European form is much more desirable in every respect than the common type. The foliage is broader and rich glossy green of strong texture. The flowers are not only larger but of a deeper rich blue color and are borne with a remarkable profusion.

Any of these three: 25c each;

\$2.50 per doz.; \$15.00 per 100.

Vinca—Periwinkle, Trailing Myrtle △ ●

Minor. An excellent dwarf evergreen trailing plant that is used extensively for carpeting the ground under shrubs and trees, or where it is too shady for other plants to thrive. Lovely Periwinkle blue flowers. 20c each; \$2.00 per doz.; \$12.00 per 100; \$100.00 per 1000.

Violas or Tufted Pansies △ ●

Very popular bedding plants blooming continuously throughout the season from early spring until late in the autumn. They make a valuable addition to any garden and are especially desirable for mass effect.

Blue Perfection. Deep purplish blue.

Lutea splendens. Rich golden yellow.

White Perfection. A fine white.

Any of the above: 20c each; \$2.00 per doz.; \$12.00 per 100.

Perpetual-Flowering Violas △

These are magnificent bedding plants requiring full sun to develop their great display of richly colored blooms. They are continuous bloomers and fill the garden with bright color from early May until the end of the season.

Apricot Queen. A rich apricot, shading orange toward the center. A most attractive, pleasing color combination.

Jersey Gem. This is the most valuable bedding Viola yet introduced. It perfectly suits our climatic conditions and succeeds in any good garden soil as long as the position is sunny. Blooms practically without a break from early May to the end of the season. Compact, sturdy plants with lovely large pure violet blooms showing no foreign hues or shades. They are carried on stems about 6 inches long.

Purple Glory. This apparently is a chance cross between Viola Jersey Gem and one of the bedding varieties. It has the persistent and free flowering qualities of the former combined with the straggling habit of the latter. The large ruby purple flowers stand well above the foliage.

Any of the above: 25c each; \$2.50 per doz.; \$15.00 per 100.

Hardy Violets

Double Russian. This is not suited for forcing under glass, but is perfectly hardy and a gem for the garden or hardy border. Produces in early spring great masses of fine, large, double, deep purple flowers of exquisite fragrance. 30c each; \$3.00 per doz.; \$20.00 per 100.

Pedata (*Bird's Foot Violet*). A native variety with finely cut foliage and showy flowers having violet upper petals and pale lilac lower petals. 25c each; \$2.50 per doz.; \$15.00 per 100.

Wallflowers

The old fragrant favorite. Mixed colors, including yellow, brown, etc.; May; 12 to 15 inches. 30c each; \$3.00 per doz.

Yucca

Adam's Needle

Filamentosa. Broad sword-like foliage. Large, fragrant, drooping, creamy white flowers during June and July arranged on branched spikes 5 to 6 feet tall. Makes an effective plant for all positions. 35c each; \$3.50 per doz.; \$25.00 per 100.



Yucca

Dreer's Superb Summer-Flowering Bulbs

The summer-flowering Bulbs represent a distinct class of plants which has a great appeal to many gardeners because with them good results are obtained easily and quickly whether they are grown outdoors in the garden or in pots indoors. Under this heading we have hardy, half-hardy, and tender bulbs. The latter of course must not be allowed to remain outdoors during the winter time. This year we are able to offer the hardy *Amaryllis Halli* for which we have received many inquiries during recent years. We also wish to bring to your attention particularly our list of Dahlias and Gladioli as these contain the finest and newest varieties besides the old favorites of outstanding merit. "Dreer's Hints on the Growing of Bulbs" gives full cultural directions. Price 25c or sent free if requested on your order.

Achimenes

This is closely related to the Gloxinia and it will grow best under similar cultivation. See cultural notes on Gloxinia in our book "Dreer's Hints on the Growing of Bulbs" which will be sent free if requested on your order for bulbs. For best effect the small rhizomes should be planted 3 or more to a pot. Blooms in 10 weeks.

Dainty Queen. Large, pure white flowers with pink eye.

Galatea. Lovely large blooms of a rich deep lavender.

Magnifica. The flowers are a charming violet blue.

Purity. This white flowered variety has many friends.

Purple King. A good rich shade of purple.

Supreme. Lavender, somewhat lighter in the center.

Any of the above: 25c each.

Set of the 6, one each, for \$1.25.



*Amaryllis, Dreer's
Giant American
Hybrid*

Amaryllis—Hippeastrum

Dreer's Giant American Hybrids. There is nothing that will give the amateur grower more pleasure than to raise these giant-flowering *Amaryllis* because they are so easy to grow in the house. The strain we offer is extra fine, throwing vigorous flower stems set with 4 to 6 gigantic perfect blooms in a wide range of beautiful colors. They are offered in mixture only. 60c each; \$6.00 per doz.

Belladonna. Beautiful silvery white flowers turning to soft rose as they age. This variety is perfectly hardy when planted in a well drained situation. It prefers a rich sandy loam. Protect 2 to 3 inches deep with leaves during the winter months. 35c each.

Halli (*Lycoris Squamigera*). This scarce hardy *Amaryllis* always is greatly admired. The foliage starts in the spring but disappears in July. Soon after, however, the large flower spikes set with fragrant pink blooms make their appearance. Strong bulbs \$1.00 each; \$10.00 per doz.

Amorphophallus—Devil's Tongue ●

Rivieri. A curious and interesting plant producing from the dry bulb during the late winter or early spring a thick tall stem crowned with a large Calla-like flower of a purplish crimson color. Usually planted in the garden after flowering where the large, massive foliage of tropical appearance gives an attractive display. It may be planted in the mixed border where it should have a warm sunny position and rich soil. Not hardy. Strong bulbs \$1.00 each.



Hardy Begonia Evansiana

Dormant bulbs are shipped as soon after receipt of order as possible unless otherwise specified on the order sheet.

Hardy Tuberous-Rooted Begonia△● Evansiana

A handsome and distinct species from Java growing from 2 to 2½ feet high. Has large, dark green foliage and produces large, showy pink flowers in the greatest profusion during September and October. Very desirable for planting in front of shrubbery borders or in any semi-shaded situation. A few leaves for protection during the winter months are advisable in this section. Strong bulbs, 35c each; \$3.50 per doz. 3 inch growing plants, ready May 10th, 25c each; \$2.50 per doz.

Many of our customers will be particularly interested in the 12 New and Rare Dahlias offered on page 154. For new and rare Gladioli see page 158. We also have added such old favorites as the hardy *Amaryllis* varieties Halli and Belladonna and *Vallota purpurea*. Furthermore you will find the finest and most perfect Tuberous Rooted Begonias on page 153. Do not overlook the new Giant Montbretias on page 162 as they are really outstanding.



Single Frilled Tuberous-Rooted Begonia

Dreer's Superb Tuberous-Rooted Begonias ●

This charming class of Begonias is perhaps the most handsome of all the summer-flowering tuberous-rooted plants. The improvements made within the last decade in size, texture, and coloring are phenomenal. It is not unusual for the flowers to measure 4 to 6 inches across. They are principally useful for planting in semi-shaded porch or window boxes. Also fine in outdoor beds located in a partially shaded place where they will bloom continuously.

Duplex Tuberous-Rooted Begonias

Duplex Mixed Colors. This new type has the same large petalage and brilliant colors as the singles but in addition has another distinct flower in the center giving a hose-in-hose appearance. 30c each; \$3.00 per doz.

Single Frilled Varieties

A wonderfully improved strain with flowers of immense size all being beautifully frilled and fringed not unlike a Giant Ruffled Petunia. They will give an interesting and showy display.

Copper, Crimson, Orange, Pink, Salmon, Scarlet, White.

Any of the above: 25c each; \$2.50 per doz.

Single Frilled Mixed. 20c each; \$2.00 per doz.

Double Frilled Mixed

Brilliant, fully double flowers of a most pleasing formation giving a graceful feathery effect found in no other flowers. In mixed colors only. 30c each; \$3.00 per doz.

Double Tuberous-Rooted Begonias

These double blooms are particularly attractive and the plants bloom as freely as the frilled varieties.

Copper, Crimson, Orange, Pink, Salmon, Scarlet, White, Yellow.

Any color: 25c each; \$2.50 per doz.

Double Mixed. 20c each; \$2.00 per doz.

Tuberous-Rooted Begonia, Marmorata

Perfectly double Camellia-like flowers of a lovely rose-pink color edged white. 25c each; \$2.50 per doz.

Crested Varieties

A distinct, novel, and most interesting type with large substantial flowers. Each petal carries a cockscomb-like crest which extends from the base of the petals to the edge.

Copper, Dark Red, Rose, Salmon.

Any color: 25c each; \$2.50 per doz.

Crested Mixed Colors. 20c each; \$2.00 per doz.

Trailing Tuberous-Rooted Begonias △ ●

Trailing Mixed Colors. These beautiful trailing Begonias are superb for growing in rockeries in a semi-shaded or shaded position. Also for hanging baskets and porch boxes. 25c each; \$2.50 per doz.

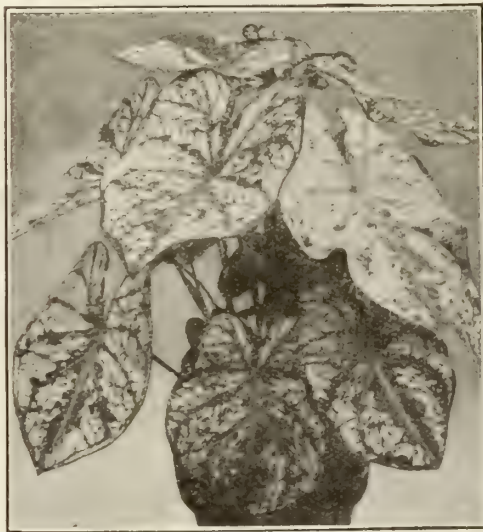
Boussingaultia baselloides *Madeira or Mignonette Vine*

An old-fashioned and still very popular vine covering a large space in a short period of time. Produces a great abundance of fleshy, heart-shaped leaves of a beautiful light green color and has beautiful racemes of feathery white flowers which have a delicious fragrance. Protect in this latitude with a few leaves or litter during the winter months. Strong tubers 15c each; \$1.50 per doz.

Caladium esculentum—Elephant's Ear ●

Among the most effective plants in cultivation for beds, borders, or for planting out upon the lawn; they are used extensively in many of the public parks where their decorative value is greatly appreciated. To obtain the best results they should be planted where they will obtain plenty of water and an abundance of rich compost. When full size they stand six to ten feet high, and bear immense light green leaves, three to four feet long by two and a half wide.

	Each	Per doz.	Per 100
Large Bulbs	\$0 30	\$3 00	\$20 00
First Size Bulbs	20	2 00	12 00
Second Size Bulbs	15	1 50	10 00



Fancy-Leaved Caladiums

Fancy-Leaved Caladiums ●

No other summer foliage plant equals the Fancy Caladiums in rich and gorgeous, yet soft coloring. All of the varieties are of marvelous beauty for the furnishing of the conservatory during the summer months, for window boxes, and for outdoor bedding in semi-shady positions. Their culture is fully described in our book, "Dreer's Hints on the Growing of Bulbs." Price, 25c per copy, or will be sent free to customers if asked for at time of ordering.

Mixed Highly Colored Sorts. 25c each; \$2.50 per doz.; \$15.00 per 100.

Ten Selected Standard Varieties. 30c each; \$3.00 per doz.

10 New and Rare Varieties. The cream of all the recent introductions, 35c each; \$3.50 per doz.

Calla—Richardia, Zantedeschia

Golden Yellow (Elliottiana). This is the best of the yellow Callas. Has rich luscious golden yellow flowers of velvety texture and dark green foliage with translucent creamy white spots. 2 to 2½ inch bulbs 30c each; \$2.75 per doz. Extra strong bulbs, upland grown insuring two or more flowers from each, 50c each; \$5.00 per doz.

Dreer's Select Dahlias

Our list of Dahlias brings to you a complete assortment of the finest varieties. They have been selected with one point in view and that is to supply you with the best of each respective type and color. We follow the system of classification as prepared by the American Dahlia Society in reference to the type of flower which system is well known to most gardeners.

Twelve New and Rare Dahlias

Seven of these Twelve New and Rare varieties are our selection from the offerings of the best European growers. They are now offered for the first time in this country. Two in the list are 1935 American introductions of outstanding value. There still remain three others which are not entirely new in that they were offered during the past two or three years, yet they are in such demand that they are very scarce and well merit inclusion in this special list. All are offered both as dormant roots and specially prepared growing plants. The roots are ready for immediate delivery. The plants will be ready by May 15—the proper planting time.



Amalie Trui

Amalie Trui (*Formal Decorative*). A sensational new variety of vigorous growth carrying magnificent, large flowers of perfect form. The blooms measure 10 inches across. They are a pure buff with a faint feathering of carmine blending them into a beautiful salmon-rose color. Of dwarf habit with vigorous, long and strong flower stems. Roots \$5.00; plants \$3.00 each.

Anna Benedict (*Formal Decorative*). This is just what we have been looking for in a dark red Dahlia with stems that always are erect. The bushes are strong and robust with dark green, insect-proof foliage. The flowers always are full and of perfect form from the beginning of the season until frost. They are 8 inches in diameter and 5 inches deep. The color is a deep rich garnet with black shadings in the center. Does not burn in the sun or batter in the rain. Roots \$10.00; plants \$5.00, each.

Dahliadel Gold (*Formal Decorative*). Monstrous flowers often measuring 11 inches in diameter—a beautiful golden yellow shaded darker in the center and with light coral red suffusion. A strong, robust grower. Roots \$10.00; plants \$5.00 each.

Forest Fire (*Informal Decorative*) (Maytrott). The most spectacular Dahlia introduced this year. It is a striking combination of red and yellow of most artistic form, magnificent size, and great depth. The flowers measure 10 inches in diameter and are 6 inches deep. Each petal is heavily tipped with rich scarlet and the lemon yellow petaloids are lightly suffused scarlet which greatly enhances the beauty of the flowers. Remarkably rigid stems. Roots \$10.00; plants \$5.00 each.

Franz Berger (*Recurved or Straight Cactus*). Very large double flowers produced freely on very long stiff and wiry stems. Unusually attractive with its narrow, twisted bright scarlet petals with a rosy flesh reverse. The blooms measure 8 to 10 inches in diameter. Roots \$5.00; plants \$3.00 each.

Grand Soleil d'Or (*Semi-Cactus*). Large, perfectly double flowers of great depth and with a perfect center. Deep primuline yellow with a faint carmine suffusion in the older petals. An outstanding acquisition with excellent, long, wiry stems. The flowers measure 10 to 12 inches in diameter. Very free and vigorous. Roots \$6.00; plants \$3.00 each.

L'Aurore (*Formal Decorative*). Large, broad petaled, deep flowers of a medium buff color with light carmine rose on the reverse. Very lovely. Roots \$5.00; plants \$3.00 each.

Miss Elsie Jane (*Straight Cactus*). This produces flowers about 6 inches in diameter but is of such unique form and color that it was awarded first prize in seedling classes at the large shows. An appealing shade of shrimp pink with cream shadings in the center and tipped violet rose. The petals are very gracefully twisted and curled. Roots \$4.00; plants \$2.00 each.

Phantom (*Formal Decorative*). Broad, long petals of a deep violet purple with a long white tip. A very large flower on a vigorous upright stem. Roots \$6.00; plants \$3.00 each.

Princess (*Formal Decorative*). A large white of excellent substance. Long, stiff, wiry stems. Roots \$6.00; plants \$3.00 each.



Royal Dutch

Royal Dutch (*Informal Decorative*). Large, full double flowers with broad petals. A tawny apricot orange heavily suffused with carmine-rose. The reverse of the petals is pale old rose. A striking autumn-colored variety with strong stiff stems. Very free and vigorous. Roots \$5.00; plants \$3.00 each.

Satan (*Informal Decorative*). An immense scarlet with yellow on the reverse of the petals, showing in the center as the petals unfold. Vigorous and very showy in the garden. Produces large flowers fine for exhibition and keeps well when cut. Roots \$4.00; plants \$2.00 each.

Special Offer: We will supply one each of the above Twelve New and Rare Dahlias, roots \$70.00; plants \$38.00.

If Dahlias are wanted by mail please add postage as explained on page 152

Dreer's Ten Outstanding Dahlias of Recent Introduction

This set of ten varieties of established worth will prove hard to surpass for garden display and for the exhibition table. Each of them has been tried and found worthy in the best of company. They are offered both as roots ready for delivery at any time, and as strong, vigorous, specially prepared growing plants which will be ready after May 15, the proper planting time.



Ballego's Glory

Ballego's Glory. A very interesting Formal Decorative Dahlia of medium size. Of compact growth and very vigorous. The flowers are a beautiful combination of scarlet and gold. Roots \$1.00; plants 50c, each.

Dwight W. Morrow. Gigantic deep red Informal Decorative. A healthy grower with heavy foliage that matches the splendid, large, massive flowers. Roots \$1.50; plants 75c, each.

Excelsior. A Formal Decorative with very large flowers of perfect form and excellent substance. The color is golden orange overlaid with terra cotta. The bases and the reverse of the broad petals are copper red. A wonderful combination of colors. Roots \$2.00; plants \$1.00, each.

Frau O. Bracht. A most deservedly popular Semi-Cactus Dahlia combining perfect form with a lovely pale primrose color of great attractiveness. The blooms are of good size and they are carried on strong wiry stems that help to make this an almost perfect variety. Roots \$1.50; plants 75c, each.

Kemp's Violet Wonder. An Informal Decorative that will be hard to surpass in its color. The very large flowers are a bright purplish violet of a richness that appeals immediately. Roots \$1.00; plants 50c, each.

Kentucky. This Formal Decorative is like the popular Jersey's Beauty in size, form, and habit, but the flowers are more of a salmon-pink due to the richer tones of yellow and gold. Roots \$1.00; plants 50c, each.

King Midas. A very large and therefore most popular Informal Decorative that has fascinated thousands at the shows and in exhibition beds of Dahlia growers. Has magnificent, fully double, deep blooms of an intense rich yellow color. Roots \$1.00; plants 50c, each.

Marathon. A giant Informal Decorative of a pure sulphur yellow color. It is a strong, vigorous grower producing its showy flowers on long wiry stems. Roots \$2.00; plants \$1.00, each.

Paul Pfitzer. A straight Cactus Dahlia with magnificent giant flowers which are borne most freely on strong wiry stems. The color of the dainty, graceful petals is a tender rose with a lovely suffusion of lilac. Towards the base the petals are yellow. It is without question one of the finest introductions of recent years. Roots \$2.50; plants \$1.25, each.

Thomas A. Edison. The gorgeous blooms of this magnificent Formal Decorative Dahlia are distinct in their massive form, structure, and color. They are a rich royal purple quite different from any other Dahlia. Roots \$1.00; plants 50c, each.

Special Offer:

One each of the Ten Outstanding Varieties,
roots \$12.00; plants \$6.00.

Dreer's Miniature Double Dahlias

These Miniature Double Dahlias are growing in popular favor not only because the comparatively dwarf and free flowering plants are ideal garden subjects, but chiefly because the graceful cut flowers lend themselves so admirably to table decoration where the larger blooms seem out of proportion. The roots offered are ready at any time. Growing pot plants are ready about May 15, the proper planting time.



Miniature Double Dahlias

Cupida. Carmine-pink blooms enhanced by the lighter shading in the center. Roots 50c; plants 35c, each.

Dazzler. A fine double Miniature Decorative of a dazzling scarlet color. Really a gem. Roots \$1.00; plants 50c, each.

Donau. A very dainty variety. Has soft rose petals with silvery white shadings. Roots 50c; plants 35c, each.

Goldina. Of a most lovely Water Lily-like form and a delicate appleblossom pink color. Roots \$1.00; plants 50c, each.

Little Jewel. Most appropriately named as it is a refined, pretty, light pink of sparkling beauty. Roots 50c; plants 35c, each.

Nesthaekchen (Nestling). An extremely satisfactory variety of a lovely Cactus form. The color is creamy chamois suffused with pale rose. A gem for either the garden or for the house and certainly most free flowering. Roots 75c; plants 50c, each.

Paddy. The flesh-colored flowers of this valuable variety are freely produced throughout the season. We are sure you will like it. Roots \$1.00; plants 50c, each.

Roeschen (Little Rose). A lovely Dahlia of a charming light rose color with silvery suffusion. Roots 50c; plants 35c, each.

Special Offer:

We will supply 8 roots, one each of the Double Miniature Dahlias for \$5.00. Or we will send 8 plants, one each of the 8 varieties for \$3.00.

Drer's Decorative Dahlias

This has for many years been one of the most popular types of Dahlias. Its wonderful varieties have achieved world renown for size, form, and freedom of bloom. Jane Cowl and Jersey's Beauty, two of the most popular of all Dahlias belong to this class. Their unusual decorative value has made them favorites not only for exhibition but also for home decoration as well. We offer 20 of the most outstanding varieties of established merit. These are offered as roots only and can be delivered any time during the spring.

Amun Ra. Glorious flowers combining most gorgeous copper and bronze tones with shadings of amber and gold. Magnificent in every way and very vigorous. 50c each.

Avalon. What a beautiful large and bold flower carried on a fine strong heavy stem. The color of the large well-shaped blooms is a pure clear yellow. 25c each.

Eagle Rock Beauty. A charming and decorative Dahlia with unique twisted petals. It is a magnificent flower of a fine pastel pink shading to ivory white in the center. 50c each.

Elite Glory. This is the yardstick by which all other bright red Dahlias have been appraised. It has magnificent flowers of huge size and excellent form. 50c each.

Galli-Curci. A scintillating combination of brilliant salmon-orange with a rich gold suffusion. Beautiful, large, deep blooms carried on excellent sturdy stems. 35c each.

Glory of Monmouth. A beautiful salmon-pink enhanced by a rich orange suffusion toward the base of the petals. Vigorous, strong, and free flowering. 50c each.



Jane Cowl

Jane Cowl. A most popular exhibition variety noted for its vigorous growth, splendid stems, and extra large size. The deep blooms combine lovely shades of bronzy buff and old gold with the suffusion richest in the center. 50c each.

Jersey's Beauty. Considered the very best all around Dahlia for every purpose. It surely is the finest true pink variety in commerce today. 25c each.

Jersey's Ideal. A very distinct variety with beautiful, large, deep amaranth pink blooms. 35c each.

Jersey's Radiant. Very popular on account of its remarkable color. The large blooms are a beautiful Bittersweet-orange. 35c each.

Jersey's Rose. A luminous tyrian rose with red suffusion. Of splendid size and long stemmed. 35c each.

Margaret Woodrow Wilson. An exhibition variety of great size and beauty. The color is opalescent pink, the upper side of the petals being creamy white whereas the reverse is a shiny Phlox pink. 35c each.

Marmion. Striking for its size and wonderful golden color with bronze suffusion. Most attractive. 50c each.



Mrs. I. de Ver Warner

Mrs. I. de Ver Warner. This old favorite is still one of the most satisfactory for the amateur. Of vigorous growth, free flowering, and with beautiful long stemmed blooms of a charming soft purplish lilac color. 35c each.

Riverton Snow. A pure white Decorative of small to medium size. Wonderfully profuse and splendid for cutting. Forms a compact free flowering plant. 35c each.

Roman Eagle. A typical autumn shade combining brilliant flaming burnished copper shades. Very large blooms. 25c each.

Sagamore. Light saffron yellow with a tint of red and a suffusion of gold. Blooms very profusely. 35c each.

Snowdrift. Large pure white blooms with broad waxy petals. Of vigorous growth and profuse blooming. 50c each.

The World. A most unusual, perfectly double variety with rich deep rosy magenta blooms overlaid with garnet showing a silver shading at the petal edges. 35c each.

Treasure Island. Bright apricot with golden suffusion. One of the most cheerful varieties in the autumn shades. Very free flowering and always dependable. 75c each.

Special Offer:

20 roots, one each of the above Decorative varieties for \$7.00.

Dreer's Cactus Dahlias

This class of Dahlias has a fascinating appeal due to the dainty and graceful formation of the flower petals which are either entirely or partly rolled. We offer roots of 12 distinct and worthwhile varieties which are ready for delivery any time during the spring.

Ambassador. This is one of the very popular varieties with perfectly formed double flowers of a soft yellow buff with a generous shading of bright salmon-pink.

Befreiung. A European Dahlia of perfect form and substantial texture which makes the blooms exceptionally long lasting. Carries a great profusion of showy russet orange-red flowers.

California Beauty. This variety has become thoroughly established and it will be hard to displace. The blooms are of perfect form and they are borne profusely on splendid stems. The color is a rich, pure, and vivid copper.

Friedensengel. A most charming variety of recent introduction. It is distinct and novel, having long creamy white petals which are suffused on the reverse with a luminous magenta and tipped with yellow.

Gladys Bates. Extremely graceful either grown as a garden plant or used as a cut flower. Carries a profusion of lovely golden salmon flowers with rose colored reverse which gives a general mass effect of a golden orange-rose. Really a charming and most lovely Dahlia for every purpose.

Jersey's Sweetheart. Remarkably free flowering and most attractive delicate pink shading to white toward the center. A lovely well-formed flower on a fine strong stem.

Jugenpracht. A splendid straight-petal cactus variety with lovely large blooms of a soft golden yellow tone with an elusive and iridescent shade of delicate pink. Gives a magnificent effect.

Mercedes. An entrancing flower of good size. Creamy yellow suffused with sunset pink. The reverse is deeper pink.

Mrs. Edna Spencer. One of the best narrow-petaled Cactus Dahlias. Delicate lavender-pink flowers with a white suffusion. Elegant in form and carried on stiff wiry stems.

Rayonanthé. A very useful and well-formed Dahlia of good size and a splendid bright and shining yellow color.

Schwerin's Wahl. An extremely attractive flower of medium size composed of rich yellow petals which shade to salmon at the tips. It is a free bloomer.

Springfield. An improvement on the old favorite Countess of Lonsdale blending iridescent shades of salmon-pink and amber into a lovely flower of great richness and appeal.

Strong roots of any of the above: 50c each; \$5.00 per doz.

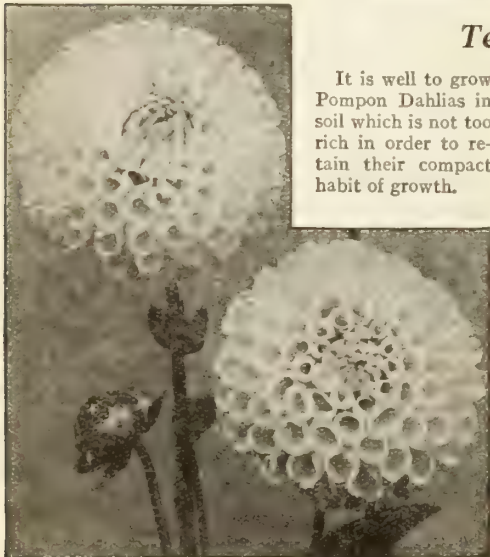
The set of 12 Dreer's Cactus Dahlias for \$5.00.



Jugenpracht

Dreer's Hints on the Culture of Dahlias

We shall be glad to send you free with our compliments a copy of our leaflet "Dreer's Hints on the Culture of Dahlias" which tells briefly but authoritatively how to get the best results from your roots or plants. Ask for it when ordering.



It is well to grow Pompon Dahlias in soil which is not too rich in order to retain their compact habit of growth.

Ten Dainty Pompon Dahlias

Pompon Dahlias always have been favorites with many gardeners though the development of the giant varieties has diverted the attention formerly paid to them to some extent. Yet they are as popular today as they ever were because they lend themselves exceptionally well to garden display on account of their compact growth and limited height. Their well-rounded, shapely blooms always are in great demand for cut flowers, which in some ways are more suited to decoration of the average room than the extremely large giant varieties. The varieties we list are free flowering and vigorous.

Anna von Schwerin. A lovely light rose flower.

Arthur. Well formed, fully double, bright red flowers.

Dandy. Much admired for its beautiful rich orange color.

Dee-Dee. A pretty miniature with lovely lilac blooms.

Joe Fette. A great favorite with pure white flowers.

Jonkheer von Citters. A very pretty yellow tipped with orange.

Little David. Brilliant salmon-scarlet blooms on long stems.

Little Edith. Very attractive, being yellow with orange tips.

Tom Thumb. A very small and dainty garnet flower.

Yellow Daisy. A rich and brilliant yellow of lovely form.

Any of the above, strong roots: 25c each; \$2.50 per doz.

Set of the 10 Dainty Pompon Dahlias for \$2.15.

Dreer's Select Gladiolus

Gladiolus need no introduction. They are universally appreciated as one of the most useful and satisfactory of all summer flowering plants for garden display and for cutting. By starting some bulbs early in April after danger of severe frost is past and making successive plantings at intervals of about 10 days until early July gorgeous blooms may be had from June until October.

Our bulbs are all of the largest size. They are free from disease and infestation. Thrips which are present in some localities sometimes attack the plants but they are easily controlled. Instructions for thrips control will be included with every shipment of bulbs.

Fifteen New and Rare Gladiolus

At the shows and in the Gladiolus fields the following varieties, not yet widely disseminated, created much interest during the past season. We believe each of them will become a permanent addition to the popular collections. We are able to offer them at reasonable prices.

Aida. A beautiful early variety of a dark violet-blue color. The florets are beautifully blotched with red in the throat. Highly recommended. 8c each; 85c per doz.; \$6.00 per 100.

Amador. A large, glowing and sparkling red with a spectacular brilliance. Always good and never burns in the sun. 40c each; \$4.00 per doz.; \$30.00 per 100.

Bagdad. Smoky old rose with the deepest coloring toward the edges and lighter in the throat. A really outstanding Gladiolus. 35c each; \$3.50 per doz.; \$25.00 per 100.

Bleeding Heart. Light pink with large red blotch. A great improvement over the popular Mrs. Frank Pendleton. Tall and very showy. 25c each; \$2.50 per doz.; \$20.00 per 100.

Heavenly Blue. Clear and delicate lavender-blue flowers arranged on graceful long spikes. Large blooms, many open at one time. 10c each; \$1.00 per doz.; \$8.00 per 100.

Jane Addams. A distinct and lovely new Gladiolus of large size. A beautiful lavender enhanced by a white throat. 8c each; 85c per doz.; \$6.00 per 100.

Mammoth White. A very large pure alabaster white with many flowers beautifully placed on a tall and graceful spike. A consistent prize winner. 10c each; \$1.00 per doz.; \$8.00 per 100.

Mildred Louise. A glorious, outstanding newer variety of a delightful warm salmon-pink. Very large, graceful blooms arranged beautifully on a splendid tall and sturdy stem. 60c each; \$6.00 per doz.; \$45.00 per 100.

Netherland Prince. A tall, sturdy spike with 6 to 8 bright salmon-pink blooms open at one time. 60c each; \$6.00 per doz.; \$45.00 per 100.

Our Selection. Large smoky salmon blooms with red feathering and edged with yellow. Forms a splendid spike with large, open blooms. 8c each; 85c per doz.; \$6.00 per 100.

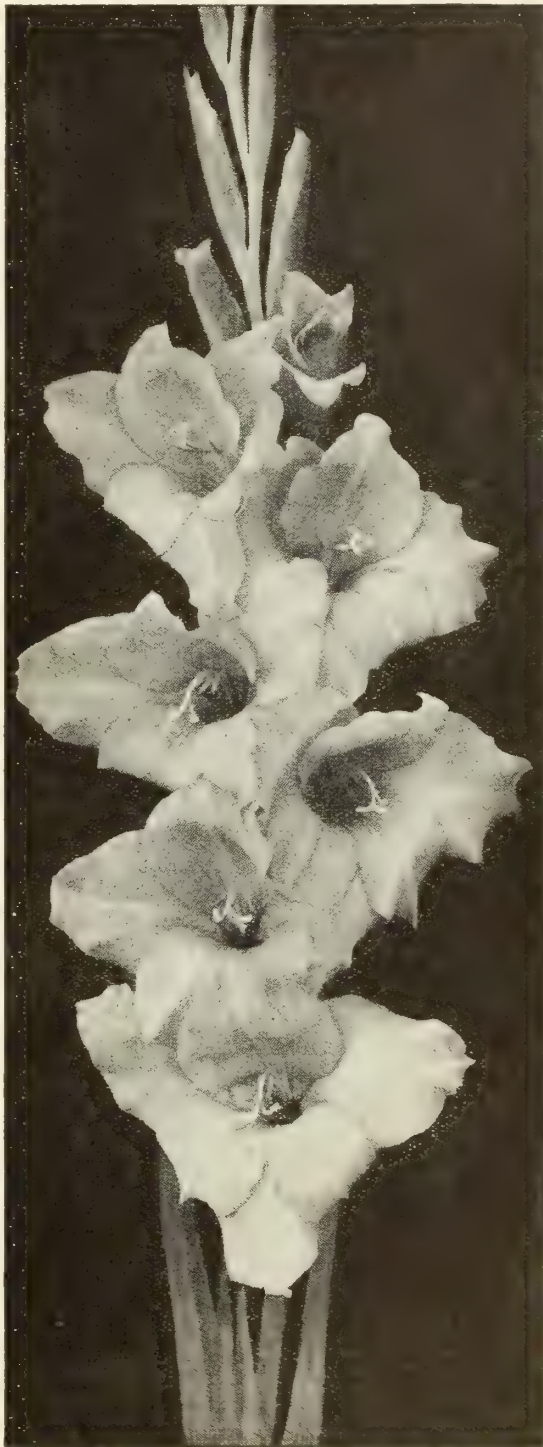
Pelegrina. This is considered the very best dark blue being of a rich and intense deep violet-blue shade. 30c each; \$3.00 per doz.; \$20.00 per 100.

Pride of Portland. An appealing large flowered variety of a beautiful soft scarlet color with creamy white throat. 20c each; \$2.00 per doz.; \$12.00 per 100.

Red Phipps. A brilliant red variety with the same desirable characteristics as the popular pink-flowered W. H. Phipps. 25c each; \$2.50 per doz.; \$15.00 per 100.

Tobersun. A tall sturdy variety carrying many well-placed rich golden yellow blooms in a graceful arrangement. 20c each; \$2.00 per doz.; \$12.00 per 100.

Wuerttembergia. A brilliant scarlet with a cream blotch that gives a pleasing contrast. Of strong, vigorous habit. 30c each; \$3.00 per doz.; \$20.00 per 100.



Mildred Louise

Special Collection Offers of the Fifteen New and Rare Varieties

15 bulbs, 1 each of those described above, for \$ 3 50
45 bulbs, 3 each of those described above, for 10 00
90 bulbs, 6 each of those described above, for 18 00
180 bulbs, 12 each of those described above, for 33 00

Gladiolus
Continued

Mrs. Leon Douglas

Special Collections of
**Twenty
Superior Gladiolus**

These collections contain the lovely twenty Superior Gladiolus described on this page. Every one included is outstanding and will give full satisfaction. The color range is wide and varied and all are vigorous and large flowered.

20 bulbs, 1 of each....	\$ 1 40
60 bulbs, 3 of each....	3 90
120 bulbs, 6 of each....	7 50
240 bulbs, 12 of each....	14 00
500 bulbs, 25 of each....	27 50

Ten Gladiolus Aristocrats

The ten varieties offered below are the best and most popular of all large-flowering varieties. They lead the field with their color and excellent habit of growth.

Albatros. A very large and massive pure white variety with tall stems and well developed, large florets of exceptional grace. 12c each; \$1.25 per doz.; \$9.00 per 100.

Ave Maria. Splendid substantial flowers of a light blue color with a contrasting purple blotch. A great favorite. 8c each; 85c per doz.; \$6.00 per 100.

Commander Koehl. Huge spikes set with magnificent massive crimson-red blooms which often measure 6 inches in diameter. 10c each; \$1.00 per doz.; \$8.00 per 100.

Minuet. A model of form and placement with large, well formed flowers of an appealing bright lavender color. 8c each; 90c per doz.; \$7.00 per 100.

Mother Machree. A deservedly popular Gladiolus of a beautiful golden lavender with a smoky veil that makes it unique. Yellow throat. 12c each; \$1.25 per doz.; \$9.00 per 100.

Mrs. Leon Douglas. Luminous coral-rose beautifully flaked with ruby red. Very large and exceptionally vigorous. 5c each; 50c per doz.; \$4.00 per 100.

Pfitzer's Triumph. Gorgeous Amaryllis-like flowers of a brilliant luminous scarlet with salmon shadings. A sensational variety. 6c each; 65c per doz.; \$5.00 per 100.

Picardy. Clear flesh pink without any markings. Unusually wide and well opened flowers arranged in magnificent spikes. Enjoys the greatest favor. 20c each; \$2.00 per doz.; \$12.00 per 100.

Primrose Princess. A rich amber combined with delicate primrose. Stately, strong spikes and large wide open flowers. The most satisfactory yellow Gladiolus. 6c each; 65c per doz.; \$5.00 per 100.

W. H. Phipps. Ranks next to Picardy as the most popular pink variety. Clear pink blooms overlaid with salmon-rose. 5c each; 50c per doz.; \$4.00 per 100.

Special Collection Offers of the Ten Aristocrats

10 bulbs, 1 of each....	\$ 85	60 bulbs, 6 of each....	\$4 75
30 bulbs, 3 of each....	2 50	120 bulbs, 12 of each....	9 00
250 bulbs, 25 of each....	\$17 50		

Twenty Superior Gladiolus

Betty Nuthall. Enormous orange-pink flowers with golden orange throat lined carmine-rose. A magnificent variety in every way. 6c each; 65c per doz.; \$5.00 per 100.

Captain Boynton. Lavender with purple blotch. 5c each; 50c per doz.; \$4.00 per 100.

Catherine Coleman. Rich salmon with purple feathering in the throat. A delightful, large flowered, and free blooming variety. 5c each; 50c per doz.; \$4.00 per 100.

Coryphee. Clearest pure pink; white throat. 10c each; \$1.00 per doz.; \$8.00 per 100.

Dr. F. E. Bennett. The most vivid bright scarlet variety. Unsurpassed for exhibition, home decoration, and commercial use. 5c each; 50c per doz.; \$4.00 per 100.

Dr. Nelson Shook. Large ruffled rosy red blooms of a distinct color and very striking appearance. 8c each; 85c per doz.; \$6.00 per 100.

Emile Aubrun. Rose over a bronzy background showing a bright cherry blotch in the throat. 8c each; 85c per doz.; \$6.00 per 100.

Eugene Lefebvre. Giant blooms of a bright rose color marked and blotched in the throat with amaranth and cream. 15c each; \$1.50 per doz.; \$10.00 per 100.

Giant Nymph. Clean light pink with darker flakings and paler toward the center. A large, well formed flower. 5c each; 50c per doz.; \$4.00 per 100.

Golden Dream. Bright golden yellow. 5c each; 50c per doz.; \$4.00 per 100.

Jean de Taillis. Bright salmon with rich maroon blotches. Large flowers arranged in graceful spikes. 15c each; \$1.50 per doz.; \$10.00 per 100.

Joerg's White. Lovely white flowers deepening to ivory in the throat. A rugged, sure blooming variety. 8c each; 85c per doz.; \$6.00 per 100.

Marmora. A charming lavender-gray patched with glowing Petunia purple in the throat. Forms lovely, tall, and massive spikes. 6c each; 65c per doz.; \$5.00 per 100.

Mrs. H. E. Bothin. Lovely ruffled flowers of a satiny salmon-pink. Ranks as one of the finest. 5c each; 50c per doz.; \$4.00 per 100.

Mrs. van Konynenburg. A splendid shade of clear blue with darker markings. Of largest size with well placed flowers on a strong stem. 8c each; 85c per doz.; \$6.00 per 100.

Orange Wonder. Rich deep orange. 8c each; 85c per doz.; \$6.00 per 100.

Paul Pfitzer. Large rich amaranth red with a striking velvety sheen. Elegant tall spikes with well placed blooms. 5c each; 50c per doz.; \$4.00 per 100.

Salbach's Orchid. Large lavender-pink. 15c each; \$1.50 per doz.; \$10.00 per 100.

Scarlet Wonder. Of brightest scarlet. 5c each; 50c per doz.; \$4.00 per 100.

Veilchenblau. A most rugged mid-blue forming a sturdy upright spike well filled with finest large flowers. 6c each; 65c per doz.; \$5.00 per 100.

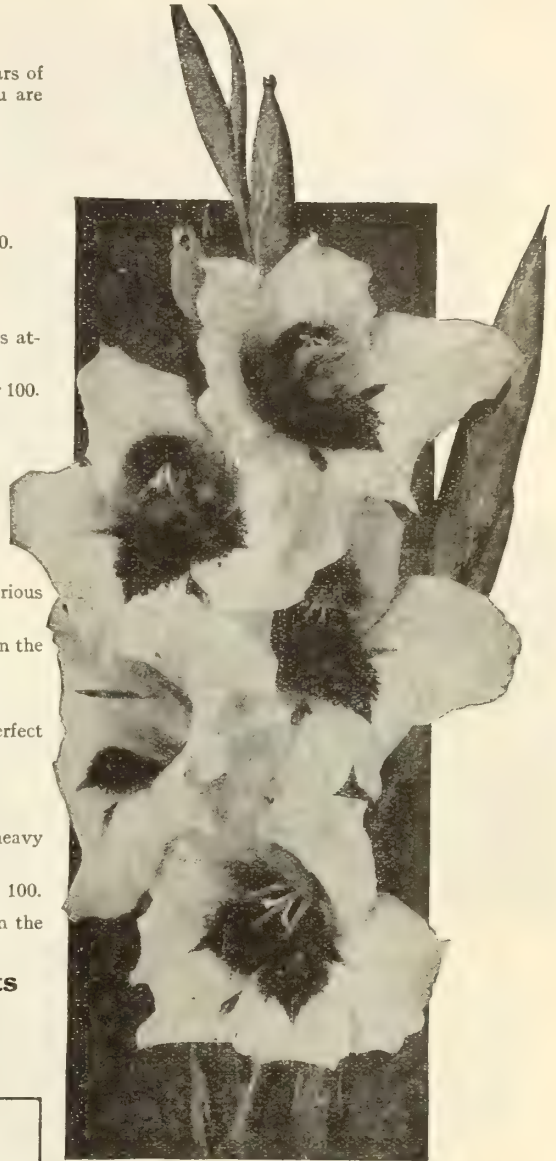
Twenty Popular Gladiolus

Every one of these twenty varieties has become well known through years of satisfactory performance. They are all first class, sure to please, and you are bound to produce a gorgeous display for little outlay.

- Aflame.** Immense orange-red. 6c each; 65c per doz.; \$5.00 per 100.
Alice Tiplady. Orange saffron. 4c each; 45c per doz.; \$3.00 per 100.
Anna Eberius. Purple-maroon. 5c each; 50c per doz.; \$4.00 per 100.
Annie Laurie. White, tinted pink. 5c each; 50c per doz.; \$4.00 per 100.
Carmen Sylva. Pure white. 6c each; 65c per doz.; \$5.00 per 100.
Crimson Glow. Deep scarlet. 4c each; 45c per doz.; \$3.00 per 100.
Etendard. A very beautiful cream-colored variety with the lower petals attractively marked bright red. 8c each; 85c per doz.; \$6.00 per 100.
Gloriana. Golden salmon with cream throat. 5c each; 50c per doz.; \$4.00 per 100.
Golden Measure. Pure light gold. 5c each; 50c per doz.; \$4.00 per 100.
Le Marechal Foch. Clear pink. 4c each; 45c per doz.; \$3.00 per 100.
Mme. Mounet-Sully. Creamy white attractively marked with deep orange in the throat. 10c each; \$1.00 per doz.; \$8.00 per 100.
Mrs. F. C. Peters. A lovely orchid lavender with deep wine red throat. 5c each; 50c per doz.; \$4.00 per 100.
Mrs. Francis King. Flame scarlet with salmon shadings. A really glorious variety with flowers of largest size. 4c each; 45c per doz.; \$3.00 per 100.
Mrs. Frank Pendleton. Salmon-pink with a large deep crimson blotch in the throat. 5c each; 50c per doz.; \$4.00 per 100.
Orange Queen. Deep orange. 4c each; 45c per doz.; \$3.00 per 100.
Panama. Rich clear unmarked pink with blooms of largest size and of perfect form. 4c each; 45c per doz.; \$3.00 per 100.
Peace. A bold and charming large white flower with beautiful deep carmine feathering in the throat. 4c each; 45c per doz.; \$3.00 per 100.
Pink Wonder. Lovely La France pink with paler throat. An immense, heavy textured flower. 6c each; 65c per doz.; \$5.00 per 100.
Purple Glory. Rich velvety maroon. 5c each; 50c per doz.; \$4.00 per 100.
Schwaben. A clear citron yellow with a tiny mahogany brown blotch in the deep throat. Very robust. 4c each; 45c per doz.; \$3.00 per 100.

Special Collection Offers of Twenty Popular Sorts

20 bulbs, 1 of each, \$1.00.	120 bulbs, 6 of each, \$ 5.50.
60 bulbs, 3 of each, 2.90.	240 bulbs, 12 of each, 10.00.
500 bulbs, 25 of each, \$19.00.	



Mrs. Frank Pendleton

Dreer's Gold Medal Blends

Mixtures of Gladiolus can never represent what the gardener expects from them unless they have been blended from named varieties that have been grown separately. Only in this way is the gardener sure to receive a well-balanced color representation combined with the size and strong habit as found only in the better sorts offered separately. These Gold Medal blends are therefore just the thing for the gardener who is through with the ordinary general mixtures.

Gold Medal Section No. 1. For this we have chosen from a wide range of varieties the warmer colors such as scarlet, bright red, crimson, garnet, maroon, and amaranth together with certain of the deeper shades of tyrian rose. Only large flowered sorts are represented. 3 for 15c; 55c per doz.; \$2.75 per 100; \$25.00 per 1000.

Gold Medal Section No. 2. This includes lighter colors such as white, cream, yellow, and the many delicate shades of pink and salmon-rose. This section is very valuable for cutting. 3 for 15c; 55c per doz.; \$2.75 per 100; \$25.00 per 1000.

Gold Medal Section No. 3. Comprises many fine shades of blue, running from light lilac to velvety purple. There are splendid shades of amethyst and mauve besides velvety purple and heliotrope. It represents a complete range of what may be called Pansy colors. 3 for 20c; 70c per doz.; \$4.00 per 100; \$35.00 per 1000.

Gold Medal Blend. And here we have a carefully composed blend of all colors represented by a good color balance which gives full consideration to the marvelous diversity of tints, shades, and markings. 3 for 15c; 55c per doz.; \$2.75 per 100; \$25.00 per 1000.

Primulinus Hybrid Gladiolus

For graceful form and brilliance of colors the Primulinus Hybrid Gladiolus are in a class by themselves. They have proved to do well even during the hot and dry weather. The well-shaped blooms are artistically arranged on long, slender, but strong spikes. It is, however, their range of colors that is valued by most gardeners above all other characteristics. It runs from the palest cream, through primrose and saffron, to deep golden yellow; from salmon and apricot to shades of orange, copper, and bronze; and there are also splendid pinks, scarlets, and crimson. This is made up from named, large flowered varieties and greatly superior to the general mixtures. 3 for 15c; 50c per doz.; \$2.75 per 100; \$25.00 per 1000.

Galtonia — *Hyacinthus candidus***Cape Hyacinth** ●

A strong-growing, summer flowering variety of Hyacinth quite distinct from those which bloom in the spring. Makes a strong stately flowerspike, 3 to 5 feet high, which bears from 20 to 30 pure white, bell-shaped blooms during the summer and early fall. It is hardy around Philadelphia. 15c each; \$1.50 per doz.

Gloriosa**Superba Rothschildiana**
Climbing Lily

A splendid tropical climber, easy to grow in a warm conservatory. Grows 6 to 10 feet high, producing its gorgeous Lily-like flowers which open a bright yellow, but change to a deep scarlet. In bloom through the summer and autumn months. Strong tubers, 50c each.



Dreer's Select Gloxinias

Dreer's Select Gloxinias

Exquisite tender flowering bulbs of easy culture. Follow the directions as given in our book "Dreer's Hints on the Growing of Bulbs." The price is 25 cents per copy or we shall send it free to you if requested at the time you order your bulbs.

Dreer's Six Superb Named Varieties

- Blue Bell.** Double, deep blue blooms.
Bucephalus. Dark red with ruffled white edge.
Emperor Frederick. White with red edge.
Emperor Wilhelm. White with blue edge.
King of the Reds. A lovely velvety dark red.
Viola cea. A charming rich violet color.
 Any of the above: 35c each; \$3.50 per doz.
 Set of the 6 varieties \$1.75.
Unnamed Mixed. 25c each; \$2.50 per doz.

Ismene calathina**Peruvian Daffodil**

A grand summer-flowering bulb with large Amaryllis-like, pure white, fragrant blossoms. Keep the bulbs in a dry warm place and plant out in June. Take up in October, rest a few weeks, and then pot for winter flowering in the house. 25c each; \$2.50 per doz.

Lilium—Summer-Flowering Lilies

All herbaceous borders should have a few Lilies scattered through them. The sorts offered below can be planted with excellent results during the early spring months. It is in the hardy border that Lilies do best, as they get the benefit of the shade of the surrounding plants, which is so necessary for their welfare. The varieties that should be planted in the autumn, are offered in our autumn catalog.

Auratum (*Gold Banded Lily of Japan*).

Large, graceful, fragrant flowers of delicate ivory white, thickly studded with deep crimson spots, and striped through the center with golden yellow. 3 to 5 feet high. Blooms during July and September. Cannot endure lime, and does well in semi-shade. Cover bulb 8 inches deep. Extra large flowering bulbs, 35c each; \$3.50 per doz.; \$25.00 per 100.

Henryi. ● The flowers are rich apricot yellow with a few brown spots. Blooms in August and September. Grows 3 feet high and is perfectly hardy. Cover bulbs 8 inches deep. Plant in well-drained, manure-free soil. Extra large bulbs, 50c each; \$5.00 per doz.; \$40.00 per 100.

Philippinense formosanum. A most wonderful Lily with gorgeous, large, pure white blooms tinted rose on the outside. Of the same glorious size and splendid form as the Easter Lily and with the same delightful fragrance. Suited for pot and garden culture. Perfectly hardy blooming in August and September on plants 3 to 4 feet high. Cover bulbs 6 inches deep in a sunny place with ground cover. Flowering size bulbs 30c each; \$3.00 per doz.; \$20.00 per 100.



Lilium regale

Regale (*Regal Lily*). ● Few new Lilies have been received with so much enthusiasm as this magnificent variety. Makes a tall growth 3 to 5 feet high and blooms outdoors in July. The large, trumpet-shaped, sweet scented flowers are white shaded pink and tinged with canary yellow at the base. Cover bulbs 7 inches deep. Impartial to sun or shade and lime enduring. 35c each; \$3.50 per doz.; \$20.00 per 100.

Speciosum album (*White Show Lily*). ●

The gracefully formed, large blooms are pure white with a greenish band running through the center of each petal. Grows 3 feet high and is robust, permanent, and easy to grow. Blooms in August and September. Impartial to lime, doing well in sun or shade. Cover bulb 8 inches deep. 50c each; \$5.00 per doz.; \$40.00 per 100.

Speciosum magnificum. ● Magnificent, large, ivory white flowers suffused with rosy crimson and attractively spotted with pink. Blooms in August and September. Makes a fine show and grows about 4 feet high. Cover bulbs 8 inches deep. 40c each; \$4.00 per doz.; \$30.00 per 100.



Speciosum rubrum—Show Lily

Speciosum rubrum or roseum. ● Rosy white blooms heavily spotted with rich crimson. Blooms in August and September. 4 feet high. Cover bulbs 8 inches deep. 40c each; \$4.00 per doz.; \$30.00 per 100.

Superbum (*Swamp or American Turk's Cap Lily*). ● A beautiful Lily with bright reddish orange flowers, shaded and spotted purplish brown. Blooms in August. Grows from 3 to 6 feet tall. Endures lime and partial shade. Cover bulbs 8 inches deep. 30c each; \$3.00 per doz.; \$20.00 per 100.

Tigrinum splendens (*Improved Tiger Lily*). ● Bright orange-red flowers spotted black. Blooms during the summer and grows 4 to 5 feet high. Endures lime and semi-shade. Cover bulbs 8 inches deep. 25c each; \$2.50 per doz.; \$20.00 per 100.

—**flore pleno** (*Double Tiger Lily*). Large, double, orange blooms, attractively spotted with black. Grows 3 to 4 feet tall. Blooms during August and September. Endures lime and prefers a ground cover. Cover bulbs 6 inches deep. 30c each; \$3.00 per doz.; \$20.00 per 100.



Giant Montbretias

New Giant Montbretias

These magnificent new Hybrid Montbretias are remarkable for their giant size and beautiful rich colors. The flowers are nearly three inches in diameter and are borne on slender branching stems frequently over three feet high. They are gay and attractive in the garden in late summer and fall, and invaluable for cutting. The bulbs or started plants should be set out during April or May and may be wintered out of doors with careful protection, but it is better to lift the bulbs in the fall, pack them away in dry sand, and store in a low temperature just above freezing.

California. A very free flowering, strong growing variety with lovely, large, widely expanded blooms of a splendid pure yellow color. Really an outstanding variety.

His Majesty. A glorious variety with very large flowers composed of broad petals of a deep velvety scarlet shading down to gold. The reverse of the petals is dark crimson also shaded with gold. Blooms very early.

Indian Chief. Fine broad-petaled flowers of a clear glistening orange with the center suffused crimson and blotched maroon. Has clear golden throat and the reverse of the petals are shaded with bright orange-scarlet.

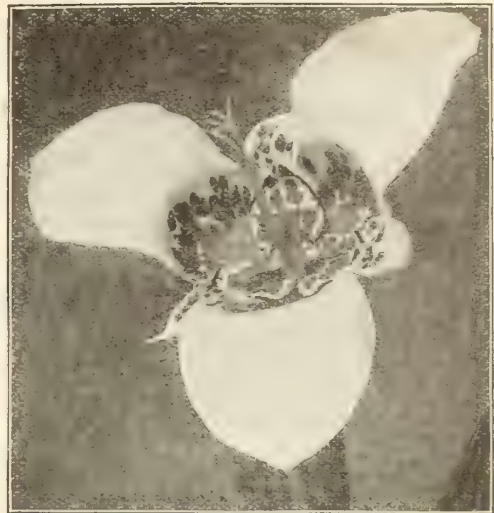
Queen Alexandra. A splendid variety of strong vigorous growth. The large, reflexed flowers are a beautiful golden orange shading to a distinct rich golden shade at the base.

Una. Golden apricot flushed orange and blotched with crimson. The reverse of the petals is deep golden orange, flushed crimson. A very free blooming and strong Montbretia.

Any of the above new Giant Montbretias:
25c each; \$2.50 per doz.

Sprekelia formosissima ● Jacobaeen Lily

This is a plant closely related to the Amaryllis. It has beautiful, showy, and brilliant flowers of the richest crimson imaginable. Dormant bulbs planted in the border early in May will flower in 3 to 4 weeks after planting. Planted in pots they may be flowered in the house during the early spring months. 35c each; \$3.50 per doz.



Tigridia

Tigridia—Tiger or Shell Flower

Pavonia grandiflora. A very showy, large, oddly shaped bulbous plant suitable for the mixed border. Can be handled in the same way as Gladiolus. Grows about 18 inches high and blooms all summer long. The blooms are bright crimson, spotted yellow in the center. 25c each; \$2.50 per doz.

Tuberoses

Double Pearl. One of the most deliciously fragrant and most beautiful of the summer-flowering bulbs. Plant in the open about the middle of May or as soon as the ground becomes warm. Strong flowering bulbs, 10c each; 65c per doz.; \$4.00 per 100.

Mexican Everblooming. This is the single Tuberose which many gardeners prefer to the double kind because of its graceful habit. The pretty, white, fragrant blooms begin to appear in July and continue throughout the season. Each bulb develops from 2 to 5 spikes in succession. 10c each; 65c per doz.; \$4.00 per 100.

Vallota purpurea

This old favorite has lovely rich red flowers measuring 2 to 2½ inches in diameter. Will bloom freely throughout the summer months. An interesting south African bulb closely related to the Amaryllis. Strong flowering bulbs 75c each.

For *Vallota speciosa* see plants page 111.



Mexican Everblooming
Tuberose

Zephyranthes—Zephyr Flower, Fairy Lilies ●

Beautiful, dwarf, tender bulbous plants very effective for massing in the border. Flowers profusely during the summer. Also excellent for pot culture.

Alba. Pure white. 10c each; \$1.00 per doz.; \$8.00 per 100.

Rosea. Large rose colored. 20c each; \$2.00 per doz.

Texana. A most interesting and showy variety with lovely, large, pure yellow blooms. An entirely new color which we are sure will become very popular as soon as it becomes better known. 20c each; \$2.00 per doz.

Dreer's Roses for the Garden

Specially Prepared in Pots for Outdoor Planting

While our old customers are familiar with the high-grade Roses which we send out we wish to direct the attention of those who never have planted Dreer's Roses to their **superior quality** due to the manner in which these plants are prepared which most effectively preserves their full strength and vigor, and insures perfect success with them.

Why Dreer's Roses are Superior

All our Roses are strong, budded, two-year-old, field-grown plants, carefully dug in the fall, planted in pots, and stored in cold greenhouses or cold frames where artificial heat is used only to exclude the most severe frost. During the latter part of March these potted plants are moved to beds in the open ground where they receive no further protection.

Under this treatment the plants develop in a natural way and are not only superior to stock which has been developed into full growth under glass but also are better for spring planting than plants which have been carried over winter in cellars or in cold storage under any method known to us.

Finest Quality at Reasonable Prices

The prices at which these Roses are offered are as low as first class stock can be produced. Quality has not been sacrificed to meet the competition of the many low-priced offers which are being broadcast and which in the end must prove disappointing to the gardener who is interested to grow Roses of superior quality.

Dreer's Roses have the reputation of being the best that it is possible to produce. With reasonable handling by the planter they will give the kind of results every flower lover is looking for. Ask for a free copy of the Dreer leaflet "Dreer's Cultural Notes on Garden Roses," which gives full instructions for planting and care.

Novelties and Varieties of Recent Introduction



Better Times

Better Times (Jos. H. Hill Co., 1934). U. S. Plant Patent No. 23. An outstanding new Rose with long crimson buds opening into large, double, brilliant cerise-red flowers. They have a delicate fragrance and are produced on long and strong stems which makes them exceptionally fine for cutting. Splendid, leathery, dark green foliage and very free blooming. \$1.50 each; \$15.00 per doz.

Cathrine Kordes (Kordes, 1930). A very showy, large Rose with long, pointed, rich red buds with attractive black shading. The open flowers are very large and double. They are high-centered, long lasting, and fragrant. They are borne singly on long and strong stems. The color is a glowing scarlet with a shading of deep pink. A very showy and free flowering variety. \$1.25 each; \$12.00 per doz.

Condesa de Sastago (Pedro Dot, 1932). A splendid double Rose with the vivid colors of the sparkling species Austrian Copper. The buds are golden yellow brilliantly striped with brilliant capucine red. The open, spicy scented blooms are of similar color. Strong grower. First Certificate, Bagatelle, 1932. \$1.50 each; \$15.00 per doz.

Countess Vandal. U. S. Plant Patent No. 38. A vigorous Hybrid-Tea Rose with attractive, long, pointed, orange-copper buds. The large, double flowers are high centered and have a rich fragrance. Their color is brilliant pink with a beautiful salmon glow. The blooms are borne singly on long stems clothed with leathery, dark green foliage. Winner of the Toronto Rose Society Gold Medal. \$1.00 each; \$11.00 per doz.

Cynthia (Verschuren-Pechtold, 1933). This variety is best described as an improved Charles P. Kilham. The attractive buds develop into splendid full flowers of a rich Oriental red color. Its free flowering habit and attractive color make it very desirable. \$1.50 each; \$15.00 per doz.

Eduard Schill (Kordes, 1931). Large ovoid buds and very large, full, double flowers. The color as the buds first unfold is a rich coral scarlet overlying a deep old gold ground as they develop, passing to pretty coral rose with satiny golden suffusion. An effective, desirable Rose. \$1.00 each; \$11.00 per doz.

Eulalia (Verschuren, 1933). A splendid addition to the list of pink Roses. Immense buds opening into large flowers of a lovely shade of pink with lighter shadings toward the base of the petals. A strong grower and free bloomer. 85c each; \$9.00 per doz.

Feu Pernet-Ducher (Mallerin, 1934). U. S. Plant Patent No. 103. An exceptional Rose with creamy orange buds heavily marked with carmine, slowly opening into very deep yellow blooms with lighter edges which are flushed with pink. A most lovely Rose with a rich fruity fragrance. Of tall, bushy growth and exceptionally free flowering. \$2.00 each; \$20.00 per doz.

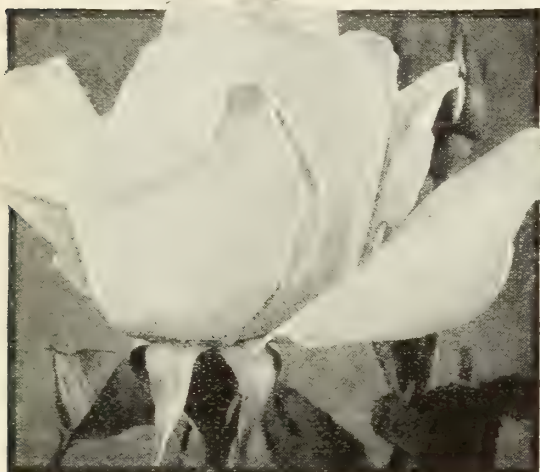
Fluffy Ruffles (Howard & Smith, 1935). A new duplex Rose of exceptional merit and destined to great popularity as it is a variety that will keep the garden overflowing with flowers all summer long. The continuous display in the garden is further increased by the fact that the blooms last a remarkably long time. The color of the lovely and graceful blooms is a fascinating soft silvery pink enhanced by a deep rose tone on the reverse of the petals. Much of the beauty is due to the gracefully waved and broadly fringed petal edges. The flowers are produced on long, strong stems composed of from 6 to 10 dainty blooms each. It is exceptionally fine for cutting in the expanding bud, though even when fully open it has a charm that will appeal to all who appreciate beauty of color and form. \$1.50 each; \$15.00 per doz.

Frau E. Weigand (Weigand, 1928). Bud ovoid developing to a large, high-centered, globular, shapely, double, very lasting, fragrant Marechal-Niel-scented flower; in color a brilliant yellow like Ville de Paris. Vigorous and free. 85c each; \$9.00 per doz.



Fluffy Ruffles, described on page 163

Gipsy Lass (Alex. Dickson & Sons, 1932). A splendid novelty among the crimson Roses with exquisitely shaped, rich scarlet-crimson flowers with maroon shading. A strong, vigorous grower. Splendid for cutting purposes. 85c each; \$9.00 per doz.

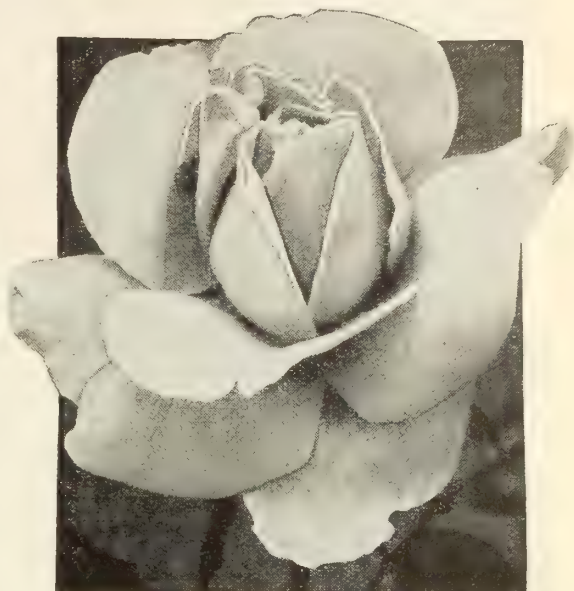


Glowing Sunset

Glowing Sunset (Wilhelm Breder) (Kordes, 1934). U. S. Plant Patent No. 104. A glorious new Hybrid-Tea Rose of a most exceptional color combination and petal formation. The long, pointed buds open to full, double flowers of a most artistic form with the inner petals lengthened and twisted in the bizarre manner of a choice Cactus Dahlia. The color is an indescribable combination of orange-yellow and rose-pink presenting a unique and pleasing color effect. When cut the blooms keep in perfect condition for several days. They have an alluring fragrance that will endear them to everyone. A free and continuous bloomer. \$1.50 each; \$15.00 per doz.

Golden Rapture (Geheimrat Duisberg). (W. Kordes & Sons, 1933). A splendid new yellow Rose of upright growth. The pure yellow buds are of ideal form. Beautiful large, double flowers which last without fading. A splendid variety for cutting and for bedding. 85c each; \$9.00 per doz.

Heinrich Wendland (W. Kordes Sons, 1930). Large, long, pointed buds and very large, double, full, high-centered, intensely fragrant flowers of unfading Nasturtium red. Reverse of the petals deep golden yellow. Of vigorous growth, flowering intermittently throughout the season. \$1.25 each; \$12.00 per doz.



Hinrich Gaede

Hinrich Gaede (Kordes, 1931). Long pointed shapely bud of Nasturtium red color. Large, double, high-centered flowers of ideal shape of a color unusual and unlike any Rose in commerce—a rich luminous vermillion, shaded golden yellow such as is found in high-colored modern Zinnias. Rich, fruity fragrance. A free and continuous bloomer. \$1.50 each; \$15.00 per doz.



Katharine Pechtold

Katharine Pechtold (Verschuren-Pechtold, 1933). Lovely, exquisitely pointed, medium sized buds of old gold and bronzy orange opening into moderately filled blooms of a lovely coppery orange flushed with rose and gold. In addition to its showy color it has a delicate sweet fragrance reminiscent of the old-fashioned Clove Pinks. The plants are bushy and bloom both freely and continuously. It is a fine Rose, each flower containing from 28 to 30 petals which is more than any other Rose of similar color. \$1.00 each; \$11.00 per doz.

Luis Brinas (P. Dot, 1934). U. S. Plant Patent No. 102. Winner of the Bagatelle Medal, 1932. This fully double Rose has lovely pointed orange-copper buds opening slowly to starry flowers with high centers. When fully open the color is soft old rose flushed with gold. Mildly fragrant recalling the scent of new mown hay. Of upright growth producing a continuous display of showy blooms. \$1.50 each; \$15.00 per doz.

Novelties and Varieties of Recent Introduction—Continued

Lydia (Verschuren, 1932). Long pointed buds and moderately large, full, high-centered, perfectly shaped flowers of an orange-rose color. Of strong, clean, vigorous habit and free flowering; moderately fragrant. \$1.00 each; \$11.00 per doz.

Málar Ros (W. Kordes & Sons, 1932). A new German Rose with large, pointed, oval-shaped buds carried on rigid stems. The large, rich crimson flowers are fully double. They are remarkably sweet scented—the intense old Rose perfume. It is a first class new variety equally fine for cutting as for bedding. \$1.00 each; \$11.00 per doz.



Mme. Joseph Perraud

Mme. Joseph Perraud (Gaujard, 1934). Winner of the Bagatelle Gold Medal, 1934 and awarded the honor at Lyon, France, of being "The most beautiful Rose in France for the year 1934." In our own trial ground this summer it stood out among the thousand or more varieties and enraptured visitors were in enthusiastic accord with the high acclaim bestowed upon it in its land of origin. The long, slender, and pointed Nasturtium orange buds open to sweetly fragrant flowers of a charming Nasturtium buff straying to a charming shade of shell pink at the petal edges—the nearest approach to a pure buff lightened with pink at the petal margins. \$5.00 each.

Mme. Jules Guerin (Gaujard, 1931). An exceptionally large, fragrant, well formed, full, double flower frequently measuring over 6 inches in diameter. The long, shapely bud when first expanding is golden yellow passing to creamy yellow as it develops. Very vigorous and free flowering. The blooms are carried on strong stout stems. \$1.50 each; \$15.00 per doz.

Mme. Nicolas Aussel (Pernet-Ducher, 1930). Was voted an award of a Gold Medal as "The Most Beautiful Rose in France" in a French contest held Sept. 15, 1931. A bright coppery red in the very long, shapely, tapering bud that develops into a large, fragrant, full, double flower of an exquisite opalescent salmon-pink. Vigorous and healthy, free and floriferous. \$1.00 each; \$11.00 per doz.

Mrs. Sam McGredy (McGredy, 1929). A beautiful coppery scarlet-orange, heavily flushed with Lincoln-red on the outside of the petals. The flowers are of large size and beautiful form. They possess the proper fullness to make them useful for all purposes. They are very freely produced and delicately perfumed. The plant has a vigorous and exceptionally free habit and is one of the best all-purpose varieties. \$1.00 each; \$11.00 per doz.



Nigrette

Nigrette (The Black Rose of Sangerhausen) (Max Krause, 1934). U. S. Plant Patent No. 87. When first shown in the famous Rose garden of Sangerhausen, Germany, newspapers throughout the world pronounced it the first black Rose. Never before has a Rose received such publicity. The first flowers in June and during the hot summer are a bright crimson but in the cool fall months the buds are black opening to deep maroon resembling black velvet. Medium sized flowers with a slight fragrance. An interesting novelty. \$2.00 each; \$20.00 per doz.

Pink Dawn (Howard & Smith, 1935). A very pretty, upright growing Rose of exceptional merit. Moderately full, double flowers of a deep rose opening to lively pink with an orange base. Has a sweet fragrance. \$1.00 each; \$11.00 per doz.

Sir Henry Segrave (Alex. Dickson & Sons, 1932). Large, long, well shaped buds and very large, high-centered, sweet scented, double flowers of a deep lemon yellow shading deeper at base. \$1.50 each; \$15.00 per doz.

Souv. de Madame C. Chambard (C. Chambard, 1931). A lovely Rose with very large, long, pointed buds opening into perfectly double flowers—coral pink with a satiny peach tint. Delicately fragrant. A strong grower and a free bloomer with the flowers carried on strong, erect, wiry stems. This variety was voted at the Rose contest in Lyon, France, two years ago "The most beautiful Rose in France." \$1.50 each; \$15.00 per doz.

Token (Montgomery Company, 1933). U. S. Plant Patent No. 95. A beautiful Rose of the Mme. Butterfly type with medium-full flowers of a unique glowing shade of rich sunripened apricot gradually finished with soft coral. A free bloomer of splendid habit. \$1.50 each; \$15.00 per doz.

Victoria Adelheid (Kordes, 1932). Exceptionally large, well-formed, double flowers of a rich golden yellow suffused with vermilion-red, shading deeper at the edges of the petals. An effective, free flowering variety. \$1.25 each; \$12.00 per doz.

Vivid Mason (McLellan, 1935). U. S. Plant Patent No. 52. This new California Rose proved most outstanding in our trial grounds this past year. The sweetly scented flowers are a rich, brilliant oriental red with glowing orange shading. They are carried upright on long wiry stems held high above the foliage. Vigorous, exceptionally free flowering, and with leathery, disease resistant, dark green foliage. \$1.50 each; \$15.00 per doz.

Mrs. J. D. Eisele—The Perfumed Rose

U. S. Plant Patent No. 67. This magnificent Rose shown in color on the opposite page combines perfect form, strong free flowering habit, and a wonderfully rich cherry rose color overlaid with a scarlet glow. It has a most remarkable, rich, fruity fragrance. \$1.50 each; \$15.00 per doz.



NEW—*The Perfumed Rose*
Mrs. J. D. EISELE—Winner of Three Gold Medals
U. S. Plant Patent No. 67 \$1.50 each; \$15.00 per doz.

Three Outstanding New Roses for 1935

Easlea's Golden Rambler

U. S. Plant Patent
No. 114

\$2.00 each;
\$20.00 per doz.



Little Beauty

Patent Pending

Crimson Glory

U. S. Plant Patent No. 105



\$1.50
each;
\$15.00
per doz.



\$1.50 each;
\$15.00 per doz.

Three Glorious New Roses

Little Beauty

Howard & Smith, 1935 — Patent Pending

Illustrated in color on the opposite page

With this variety Mr. Howard introduces to the Rose world the herald of an entirely new race of everblooming Roses. It is a splendid variety for garden decoration combining a mass color effect with quantity of blooms borne in a continuous succession throughout the season. But it is equally indispensable as a producer of excellent cut flowers for the home and table adornment. The color of the formally arranged flowers is a brilliant cerise. An outstanding varietal feature is the eventual passing of the flowers to a pleasing soft deep pink with a warmth and loveliness that must be seen to be appreciated. The blooms are produced in great abundance and a bed of them presents a truly enchanting sight. \$1.50 each; \$15.00 per doz.

Crimson Glory

Kordes, 1934—U. S. Plant Patent No. 105.

Illustrated in color on the opposite page

This beautiful, vigorous, and free flowering Rose gives us every promise of becoming one of our very best and most popular garden Roses. The plants branch freely producing a well spread yet compact bush of good symmetry. The large, urn-shaped buds open to well formed flowers of an intense deep and vivid crimson, shaded ox-blood red and mellowed by a soft velvety nap. Awarded Silver Medal International Flower Show, New York, Spring 1934. \$1.50 each; \$15.00 per doz.

Mrs. J. D. Eisele—The Perfumed Rose

Howard & Smith, 1933—U. S. Plant Patent No. 67.

Illustrated in color on page 166

Winner of three Gold Medals—a Rose of outstanding merit with buds and flowers that are perfect in every stage of development from the expanding bud until fully open. The brilliance of its luscious cherry rose color is enhanced by a glow of scarlet that sparkles in artificial light. Beautiful, long, pointed buds unfurling into symmetrical blooms with elegantly reflexed margins. The rich fruity fragrance of the long-stemmed blooms is most outstanding. \$1.50 each; \$15.00 per doz.

Two Wonderful New Climbing Roses Easlea's Golden Rambler

Easlea, 1934—U. S. Plant Patent No. 114.

Illustrated in color on the opposite page

This new Rose which is indeed most outstanding comes to us from England where it has proved a superb variety as attested by the fact that it received the Gold Medal of the Royal Horticultural Society, July 1932, and the Cory Cup for the best new seedling Climber or Rambler Rose of British origin introduced in 1932. It has comparatively large, well formed, double flowers of a rich golden yellow color. The blooms are arranged in large clusters and their desirability is greatly enhanced by their pleasing rich fragrance. \$2.00 each; \$20.00 per doz.

Skyrocket

Kordes 1934

A beautiful new Rose—the forerunner of a distinct new race. A real everblooming Pillar Rose producing a great profusion of truly enormous flower clusters throughout the whole season. Makes a very showy display with its large clusters of medium-sized, brilliant rich red blooms. Of straight, upright habit which makes it most desirable and valuable either as a Pillar Rose or planted at the back of the shrubbery border. \$1.50 each; \$15.00 per doz.

Tri-O-Gen. Gardeners who wish to spray their Roses with one remedy that will take care of all the usual Rose troubles will find Tri-O-Gen an easily applied, perfectly safe, and effective spray. If applied weekly from early season until severe frost it will give remarkable protection against Mildew and Black Spot besides all kinds of insect pests. It also is a plant stimulant. Trial size \$1.50; standard size \$4.00; large outfit \$6.00; estate kit \$20.00. *

New Exhibition Rose



Symphony

Symphony (Pink Frau Karl Druschki)

Weigand, 1934—U. S. Plant Patent No. 79.

This is an everblooming Hybrid Perpetual Rose bearing handsome, massive blooms of perfect form often measuring 6 inches in diameter. They are carried on stout, straight stems. The buds are blush pink opening to pale rose with deep pink in the center and showing lighter at the edges. The open flowers are full and of symmetrical shape. A truly magnificent Rose. \$1.50 each; \$15.00 per doz.

THE DREER DOZEN

Hardy Everblooming Potted Hybrid-Tea Roses

In presenting our 1935 collection of "The Dreer Dozen" we wish to assure you that we have taken great care to include in it the finest of the popular varieties that are bound to give entire satisfaction to the lover of fine Roses. The color range has had our particular attention as we know how important a feature this is to the amateur gardener. We recommend this collection most highly.

E. G. Hill. Beautiful long buds of perfect form. Full, double, high-centered flowers of dazzling scarlet, shading to a deeper red as they develop. Free-flowering. 75c each; \$8.00 per doz.

Etoile de Hollande. The most popular red garden Rose—a brilliant crimson-red. A strong, vigorous grower, free and continuous bloomer. Large, moderately double, fragrant flowers, beautiful in all stages of development. 75c each; \$8.00 per doz.

Joanna Hill. A splendid clear yellow with golden heart. The very large, long, pointed buds open to large, full, semi-double, attractive, long-lasting, moderately fragrant flowers. A vigorous, profuse bloomer. 75c each; \$8.00 per doz.



McGredy's Scarlet

McGredy's Scarlet. A new red Rose of marked superiority on account of its strong vigorous growth, free and continuous habit of flowering, and its brilliant color. The fragrant, full, double flowers are of good size. They are brilliant scarlet, orangy yellow at base of petals, the upper portions of same being lightly touched with crimson, varying some in color under changing weather conditions but always beautiful. 75c each; \$8.00 per doz.

Mme. Edouard Herriot (The Daily Mail Rose). The buds are coral red shaded with yellow at the base. The open flowers are of medium size, semi-double, a superb coral red shaded with yellow and bright rosy scarlet passing to salmon-pink. A wonderful color combination. 75c each; \$8.00 per doz.

Mme. Jules Bouche. A splendid white, at times slightly tinted with just a touch of tender blush pink. Long, pointed, shapely buds and full, double, fragrant, well-formed flowers. Of vigorous growth, and a free and continuous bloomer. 75c each; \$8.00 per doz.

Mrs. Erskine Pembroke Thom. The best yellow bedding Rose we have today. It is of clean, healthy, vigorous growth with abundant, dark bronzy, disease-resisting foliage. The good-sized buds are long and develop into full, double, very shapely flowers of a rich deep lemon yellow; sweetly scented. A free and continuous bloomer. 75c each; \$8.00 per doz.

President Hoover. A glorious Rose, wonderfully free in the easy manner in which it grows and charming in its color arrangement which is a splendid combination of cerise-pink, flame, scarlet, and yellow. This combination of colors gives the most dazzling color effect imaginable. The buds are beautifully pointed, the flowers large, composed of broad, thick, heavy petals with moderate fragrance. 75c each; \$8.00 per doz.

Radiance. This is the popular carmine-pink which is bound to succeed everywhere. A strong, vigorous grower with well-shaped, large, double blooms. 75c each; \$8.00 per doz.

Red Radiance. A sport of Radiance with most attractive bright cerise blooms. As large and vigorous, and as free blooming. 75c each; \$8.00 per doz.



Souvenir de Claudius Pernet

Souvenir de Claudius Pernet. This Rose is famous for its beautiful and most striking rich Sunflower yellow color. It has long, pointed buds of exquisite form developing into very large, double, flowers with a pleasing and rich fragrance. Its growth is vigorous and strong and it produces a great profusion of blooms throughout the growing season. 75c each; \$8.00 per doz.

Talisman. One of the most popular Roses either as a cut flower or for the garden. The long pointed buds are bright yellow. As the petals unfold they develop into fair-sized, double, fragrant, high-centered flowers that combine bright apricot, gold, and deep rose-pink into a glittering mass of color. Continuous and free flowering. 75c each; \$8.00 per doz.

The Collection of **THE DREER DOZEN**

One of each variety described on this page **\$8.00**

Dreer's Select List of Potted Hybrid-Tea Roses

The Roses described on this and the following 3 pages represent a careful selection of the best and most popular well-tried everblooming Hybrid-Tea varieties. All of them are recommended without any hesitation to the lover of good Roses and our plants are extra fine.

Autumn. Burnt orange, streaked and marked with red. Bud of medium size, developing into a cupped, double, fragrant, attractive flower. \$1.00 each; \$11.00 per doz.

Betty Sutor. Exquisite both in the long bud and high-centered, large, double, tea-scented flower. Delicate rosy pink. Strong, vigorous, and free flowering. 85c each; \$9.00 per doz.

Betty Uprichard. Long pointed buds. Large, open, long-lasting, very fragrant flowers of a delicate salmon-pink, reverse carmine with coppery sheen. Vigorous, bushy growth; profuse bloomer. 85c each; \$9.00 per doz.

Briarcliffe. A fine Rose of the Columbia type producing large, longer buds than that favorite and has large, high pointed, double, very lasting, moderately fragrant flowers of a brilliant rose-pink at center, shading lighter at outer petals. One of the very good garden Roses. 85c each; \$9.00 per doz.

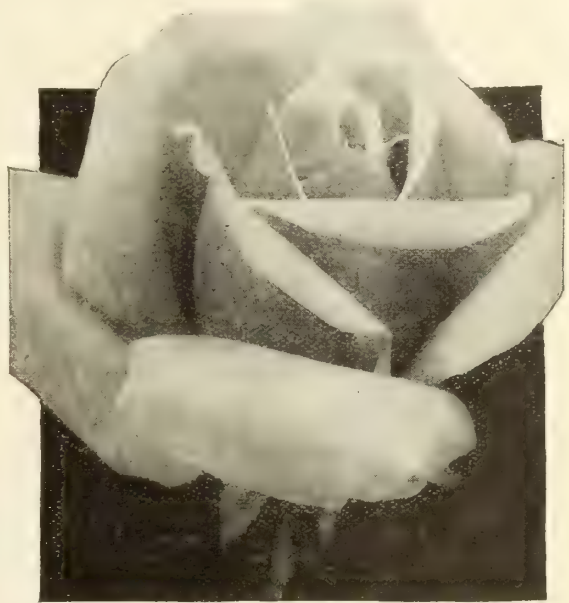
Caledonia. The most desirable white. Exceptionally long, pointed buds opening to very double, high-centered, long-lasting, very large, moderately fragrant flowers. Continuous free bloomer. 85c each; \$9.00 per doz.

Caroline Testout. Long, pointed buds and large, full, double, globular, moderately fragrant flowers. Satiny rose with brighter center. 85c each; \$9.00 per doz.

Duchess of Atholl. Unusual and delightful in color. Large globular buds of deep bronzy orange; large, double flowers of cupped form; intensely fragrant; vivid orange, flushed old-rose. Vigorous and free flowering. \$1.00 each; \$11.00 per doz.

Duchess of Wellington. Long, shapely buds with petals of great substance. Delightfully fragrant blooms of an intense saffron-yellow, stained deep crimson. Very free flowering. 85c each; \$9.00 per doz.

Edel. An enormous, bold, stately, well-built, fragrant flower of great depth, quality, and finish. Color, white with the faintest ivory shading. 85c each; \$9.00 per doz.



Edith Nellie Perkins

Edith Nellie Perkins. An outstanding, vigorous, and free flowering Rose. Long, pointed buds of good size. Long lasting, double, fragrant flowers. Orient red, shaded cerise-orange; inside salmon-pink. 85c each; \$9.00 per doz.

E. G. Hill. Beautiful long buds of perfect form. Full, double, high-centered flowers of dazzling scarlet, shading to a deeper red as they develop. Vigorous, free-flowering. 75c each; \$8.00 per doz.

Elegante. Long sulphur yellow buds developing into large, full, creamy yellow flowers. A strong, vigorous grower and very free bloomer. 85c each; \$9.00 per doz.

Etoile de Feu. Very attractive, large, substantial, globular buds and full, double, cupped blooms. Salmon-pink and coral red shaded with flame. 85c each; \$9.00 per doz.

Etoile de Hollande. The most popular red garden Rose—a brilliant crimson-red. A strong, vigorous grower, free and continuous bloomer. Large, moderately double, fragrant flowers, beautiful in all stages of development. 75c each; \$8.00 per doz.

Feu Joseph Looymans. Remarkable for its long, pointed buds of brilliant Indian yellow and large, double, cupped, very fragrant flowers. Vigorous and a continuous bloomer. 85c each; \$9.00 per doz.

Golden Dawn. The ideal yellow garden Rose. The ovoid, lemon yellow bud is heavily splashed with crimson and develops into a well-formed, sweetly scented, large, double, sunflower yellow flower that recalls the old favorite Marechal Niel. Vigorous and free flowering. \$1.00 each; \$11.00 per doz.



Charles P. Kilham

Charles P. Kilham. Rich brilliant Oriental red, flushed with orange and glowing scarlet. Long, pointed buds opening to high centered, sweetly tea-scented, perfect blooms. 85c each; \$9.00 per doz.

Chateau de Clos Vougeot. Beautiful flowers of a brilliant scarlet, shaded fiery red and changing to dark velvety crimson as the blooms expand. Very double and intensely fragrant. 85c each; \$9.00 per doz.

Columbia. Bud and flower of perfect form, of a most pleasing shade of rose-pink, delightfully scented; free and vigorous. 85c each; \$9.00 per doz.

Dainty Bess. An appropriate name for a daintily colored single Rose of perfect form. A delicate shade of shell pink with a conspicuous bunch of crimson stamens. A greatly admired, long-lasting, single flower. 85c each; \$9.00 per doz.

Dame Edith Helen. Lovely long pointed buds developing into great flowers of huge size composed of very substantial, broad petals which curl back most attractively. The blooms are fully double, high centered, and delightfully sweet scented. Their color is a brilliant yet soft Rose-du-Barri pink. It is a strong grower and free bloomer. 85c each; \$9.00 per doz.

Dreer's Select List of HYBRID TEA ROSES—continued

Gruss an Teplitz. An intense rich scarlet shading to velvety crimson. Lovely fragrant blooms produced in great profusion on strong plants. Blooms continuously and succeeds under all conditions. 85c each; \$9.00 per doz.

Hadley. Large flowers of an intense rich dazzling crimson-scarlet shading to velvety crimson. Very attractive, well-shaped blooms. 85c each; \$9.00 per doz.

Imperial Potentate. Splendid long buds and large, double flowers of a beautiful glistening rose-pink shade. Really an outstanding Rose of exceptional beauty. 85c each; \$9.00 per doz.

Impress. Very large, full, absolutely perfect blooms that last in perfection a long time. Color salmon-cerise suffused with a luminous golden sheen. The large, ovoid bud is cardinal-red, shaded orange. Of strong growth; a free and continuous bloomer. \$1.00 each; \$11.00 per doz.

Irish Fireflame. A gorgeous variety, splendid for cutting in bud form, usually with 5 or more buds on a spray. These are a wonderfully rich deep orange splashed with crimson, expanding to a satiny gold. 85c each; \$9.00 per doz.

Isobel. A large, single, fragrant flower. Delicate rose-pink with apricot shading. 85c each; \$9.00 per doz.

Joanna Hill. A splendid clear yellow with golden heart. The very large, long, pointed buds open to large, full, semi-double, attractive, long-lasting, moderately fragrant flowers. A vigorous, profuse bloomer. 75c each; \$8.00 per doz.

John Russell. A handsome brilliant red Rose—rich deep velvety crimson. Of very large exhibition type, beautiful both in bud as well as in the fully expanded double flower. Strong, vigorous grower. 85c each; \$9.00 per doz.

J. Otto Thilow. A glowing rich rose-pink of exceptional merit. Long, pointed buds expanding into beautiful, large, double, high centered flowers with reflexed petals. 85c each; \$9.00 per doz.

Julien Potin (The Golden Pernet). The most gorgeous and brilliant yellow Rose yet introduced—rich golden yellow that deepens as the flowers mature. Shapely, long buds and delightfully scented flowers. Of vigorous, upright growth. \$1.00 each; \$11.00 per doz.

Kaiserin Augusta Victoria. A favorite old white Rose with shapely, long, pointed buds and good sized, double, fragrant flowers. 85c each; \$9.00 per doz.

Killarney Double White. This is a beautiful sport of Killarney with lovely pure white blooms of moderate fragrance. The long, pointed buds are also most attractive. A vigorous grower and free bloomer. 85c each; \$9.00 per doz.

Killarney Queen. A sport from Killarney with far more intense coloring—a rich glowing shade of rosy carmine. In addition it has also larger and more double blooms. 85c each; \$9.00 per doz.

K. of K. (Kitchener of Khartoum). Of exceptionally free flowering growth with brilliant scarlet buds opening to semi-double blooms of a glistening scarlet color. Very effective. 85c each; \$9.00 per doz.

Lady Forteviot. Long stems each bearing several, large, double, high centered, lasting blooms of a beautiful golden yellow changing to deep apricot, and flushed with cardinal red. Extremely fragrant, free growing, and floriferous. 85c each; \$9.00 per doz.

Lady Margaret Stewart. A Rose of unique color. The flowers in the young stage are a deep Sunflower yellow heavily veined and splashed with orange-scarlet; reverse of the petals deeply suffused with carmine. As the flowers develop these colors intermingle forming a beautiful cadmium-orange effect. The bud is long and pointed, opening to a full double flower of pleasing decorative form with a delightfully sweet scent. 85c each; \$9.00 per doz.

Los Angeles. The long-stemmed, fragrant flowers are luminous flame-pink, toned with coral, and shaded with translucent gold at the base of the petals. The buds are long and pointed, and expand to flowers of perfect form. 85c each; \$9.00 per doz.

Lucie Marie. Very long, pointed, deep yellow buds splashed rosy red. The inner face is yellow with coppery venation with the petals lightly tipped with pink; slightly fragrant. Strong, vigorous, healthy habit with dark leathery foliage. A most distinct and interesting bedding variety. 85c each; \$9.00 per doz.

Margaret McGredy. Buds very large and long pointed. Flowers large, shapely, long lasting, very double, fragrant, brilliantly colored—a rich shade of Oriental red passing as it ages to carmine-rose. Vigorous and free flowering. 85c each; \$9.00 per doz.

McGredy's Scarlet. A red Rose of marked superiority on account of its strong vigorous growth, free and continuous habit of flowering, and its brilliant color. The fragrant, full, double flowers are of good size. They are brilliant scarlet, orangy yellow at base of petals, the upper portions of same being lightly touched with crimson, varying some in color under changing weather conditions but always beautiful. 75c each; \$8.00 per doz.

Mevrouw G. A. Van Rossem. A marvelously beautiful Rose with a unique color combination—a most striking blend of vivid orange and apricot on a golden yellow ground frequently with touches of bronze on the reverse of the petals. The sweet-scented flowers are very large, of perfect formation both in the bud as well as in the fully developed flower, and are produced very freely. \$1.00 each; \$11.00 per doz.



Miss Rowena Thom

Miss Rowena Thom. Large, long, pointed buds developing to high-centered, well-formed, double, fragrant flowers, 5½ inches across. Brilliant rose-pink with golden suffusion. Growth vigorous, and a free and constant bloomer. 85c each; \$9.00 per doz.

Mme. Butterfly. Beautiful buds and flowers of light soft pink, tinted yellow at base of petals. Very free flowering and highly scented. 85c each; \$9.00 per doz.

Tri-O-Gen gives good control against mildew, black spot, and many kinds of insects. It is a perfectly safe, easily applied spray besides being a plant stimulant. Trial size \$1.50; standard size \$4.00; large outfit \$6.00; estate kit \$20.00.

Dreer's Select List of Hybrid Tea Roses—continued

Mme. Edouard Herriot (The Daily Mail Rose). The buds are coral red shaded with yellow at the base. The open flowers are of medium size, semi-double, a superb coral red shaded with yellow and bright rosy scarlet passing to salmon-pink. A wonderful color combination. 75c each; \$8.00 per doz.

Mme. Jules Bouche. A splendid white, at times slightly tinted with just a touch of tender blush pink. Long, pointed, shapely buds and full, double, fragrant, well-formed flowers. Of vigorous growth, and a free and continuous bloomer. 75c each; \$8.00 per doz.

Mrs. Aaron Ward. A remarkably floriferous variety of strong, vigorous, but compact growth. The fragrant, full, double flowers are a distinct Indian yellow, shading lighter towards the edges. 85c each; \$9.00 per doz.

Mrs. A. R. Barraclough. We have in this variety a most distinct and valuable bright, but soft sparkling carmine-pink of even tone that passes to a yellow at the base of the petals. The buds are long, pointed, and develop into full double flowers of model form. Very fragrant. 85c each; \$9.00 per doz.



Mrs. Erskine Pembroke Thom

Mrs. Erskine Pembroke Thom. The best yellow bedding Rose we have today. Of clean, healthy, vigorous growth with abundant, dark bronzy, disease-resisting foliage and a continuous free bloomer throughout the season. The good-sized buds are long and develop into full, double, very shapely flowers of a rich deep lemon yellow; sweetly scented. 75c each; \$8.00 per doz.

Mrs. Henry Bowles. A splendid, large, well-formed, high-centered, very fragrant flower of an intense brilliant or warm shade of pink with salmon shadings. A model Rose, perfect in every stage of development. 85c each; \$9.00 per doz.

Mrs. Henry Morse. One of the best light pinks, combining two contrasting tones of pink with an underlying yellow glow. Long, pointed buds; flowers very large, double and high-centered, fragrant and very free flowering. 85c each; \$9.00 per doz.

Mrs. Lovell Swisher. A remarkably vigorous grower of branching habit, freely producing perfectly formed, long, shapely buds that develop into good double flowers. The color is a deep coppery salmon at base merging to salmon-pink at the tips. 85c each; \$9.00 per doz.

Mrs. Pierre S. duPont. Medium-sized, long, pointed buds of a reddish gold opening to semi-double, cupped, very lasting, fragrant flowers of a deep golden yellow. The plant is of strong, vigorous, compact growth. A profuse and continuous bloomer. \$1.25 each; \$12.00 per doz.

Mrs. Wakefield Christie-Miller. As a pink bedding Rose there is none better. The flowers are of large size, remain perfect for a long time, and are produced very freely. They are of a bright pink color with lighter shadings. 85c each; \$9.00 per doz.

Mrs. W. E. Nickerson. A vigorous, free flowering variety with lovely, long, pointed buds and large, chrome yellow flowers passing to rosy salmon at the base. The reverse of the flower petals is beautifully veined with golden pink. 85c each; \$9.00 per doz.



Olympiad

Olympiad. This brilliant new red Rose first sent out spring of 1932 is now available in strong plants at popular prices. The color of Olympiad is unique—a lustrous dark Oriental scarlet, its depth of color accentuated by the golden base and intensified by a rich velvety sheen. The bud is long and pointed and the flower magnificent in every stage of development. Awarded Gold Medals during 1932 at the Atlantic City, Philadelphia, and New York Flower Shows. \$1.00 each; \$11.00 per doz.

Ophelia. Always admired for its long, pointed, shapely buds and its fair sized, double, lasting, fragrant flowers. Salmon-flesh shaded light yellow at the base of the center petals. A free and continuous bloomer. 85c each; \$9.00 per doz.

Padre. A most attractive variety with unusual coloring combining in its long petals a glistening coppery scarlet with a flush of rich yellow at the base. It is a vigorous, upright grower which blooms most profusely throughout the season. 85c each; \$9.00 per doz.

Polly. A pretty flower of the Ophelia type but much larger. Attractive, long, pointed, golden yellow buds flushed delicate pink. Large, very double, high centered flowers of a dainty pink early in the season but later becoming deeply suffused with golden yellow. 85c each; \$9.00 per doz.

Portadown Fragrance. A most pleasing Rose of beautiful form, splendid color, and sweet fragrance. Described by its introducer as surpassing any other variety. The long buds are pointed. The flowers are very large, double, high centered, and will last an unusually long time on the plant as well as after cutting. The color is brilliant orange-scarlet passing to bright rose toward the edge of the petals. It is a vigorous, strong growing Rose producing a very large number of perfectly formed blooms. 85c each; \$9.00 per doz.

Dreer's Select List of Hybrid-Tea Roses—continued



President Hoover



Vaterland

President Hoover. A glorious Rose, wonderfully free in the easy manner in which it grows and charming in its color arrangement which is a splendid combination of cerise-pink, flame, scarlet, and yellow. This combination of colors gives the most dazzling color effect imaginable. The buds are beautifully pointed; the flowers large, composed of broad, thick, heavy petals with moderate fragrance. 75c each; \$8.00 per doz.

Radiance. This is the popular carmine-pink which is bound to succeed everywhere. A strong, vigorous grower with well-shaped large, double blooms. 75c each; \$8.00 per doz.

Rapture. A sport of Mme. Butterfly with flowers of a deeper pink tone shaded yellow at the base. Fragrant and vigorous. 85c each; \$9.00 per doz.

Red Radiance. A sport of Radiance with most attractive bright cerise blooms. As large and vigorous, and as free blooming. 75c each; \$8.00 per doz.

Rose Marie. Pretty, clear rose-pink, large, cupped, double, fragrant flower of good shape. Vigorous and profuse flowering. Attractive globular buds. 85c each; \$9.00 per doz.

Schwabenland. There are many pink Roses but none just like this variety either in color or in the splendid formation of its blooms. The moderately fragrant flowers are large, over five inches in diameter, with high spiral center, the petals having a peculiar twist or curl. The color is a luminous rich rose-pink, retaining its brightness until the petals drop. The flowers are carried singly on long stiff stems. A strong, healthy, hardy, vigorous grower and free bloomer. \$1.00 each; \$11.00 per doz.

Sensation. Splendid large crimson-scarlet, perfect in its long pointed bud as well as in the fully developed, sweetly scented, double flower. A strong vigorous grower. 85c each; \$9.00 per doz.

Souvenir de Claudius Pernet. Most striking Sunflower yellow. Long pointed buds of exquisite shape and very large, double, full, fragrant flowers. Vigorous and free growing, and a continuous bloomer. 75c each; \$8.00 per doz.

Talisman. One of the most popular Roses either as a cut flower or for the garden. A remarkable color combination. The long pointed buds are bright yellow. As the petals unfold they develop into fair-sized, double, fragrant, high-centered flowers that combine bright apricot, gold, and deep rose-pink into a glittering mass of color. Perpetual and free flowering. 75c each; \$8.00 per doz.

Vaterland. The most distinct dark-colored variety yet introduced, deeper and richer in effect than the Hybrid-Perpetual variety Prince Camille de Rohan. A rich deep velvety scarlet-maroon and a splendidly formed, high-centered flower of remarkable keeping qualities. The plant is of vigorous, strong, erect habit with healthy foliage, and free and perpetual flowering. Unquestionably the best of this type that has yet come to our notice. 85c each; \$9.00 per doz.

Vierlanden. Beautiful deep pink buds and equally colorful blooms lasting a full week after cutting. Sweet scented and thornless. \$1.00 each; \$11.00 per doz.

Ville de Paris. A very distinct, rich Buttercup yellow without a trace of any other color, retaining its richness under all weather conditions. In formation it is somewhat similar to Radiance, fairly double, and splendid for cutting. A tall, upright grower and a profuse bloomer. \$1.00 each; \$11.00 per doz.

W. E. Chaplin. A most meritorious red Rose of the Lord Charlemont type but better on account of being a vigorous grower with healthy, disease-resistant foliage. Every bud develops into a perfect, full, high centered, large flower which will last well and has a moderate sweet scent. The blooms are deep crimson shading to carmine-crimson which does not blue nor burn. They are carried on long, strong stems and are borne continuously. \$1.00 each; \$11.00 per doz.

Wilhelm Kordes. Unique and entirely distinct in coloring—a rich Nasturtium red with coppery suffusion overlying a golden salmon ground, varying in intensity under different weather conditions but always beautiful and particularly high colored early in the season and in the autumn. The buds are long and pointed, opening to double, high-centered, very fragrant flowers. 85c each; \$9.00 per doz.

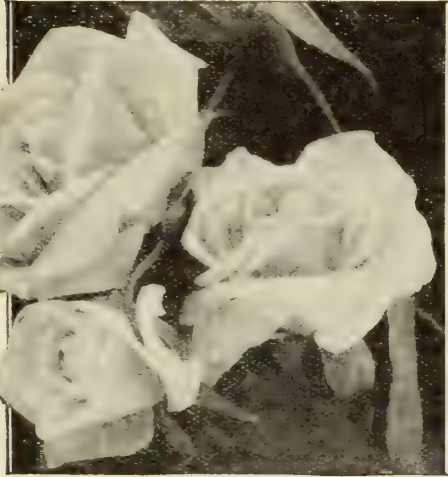
William F. Dreer. Similar in shape to Los Angeles with large, high-centered, very lasting, fragrant flowers of a soft silvery shell pink. A golden suffusion illuminates the entire flower. 85c each; \$9.00 per doz.

Special Offer

We will supply one strong plant each of the 75 standard varieties of Hybrid-Tea Roses described on pages 170 to 173 inclusive which at single rates amount to \$64.60 at the special price of \$55.00.

Polyantha or Baby Roses

The Polyantha or Baby Roses represent a distinct type which is very popular for bedding purposes. The plants grow into shapely compact bushes about 18 inches high and they are covered with a great mass of flowers from early in the season until severe frost destroys their beauty. The blooms, though small, are very effective as they are arranged in showy trusses that accentuate their rich and beautiful coloring.



Cecile Brunner

Cecile Brunner (*The Fairy or Sweetheart Rose*). A dainty variety with small double blooms of perfect form. They are arranged in many flowered, graceful sprays. Soft rosy pink on a rich creamy white ground. Moderately fragrant.

Chatillon Rose. A very distinct and pretty, silvery crimson-rose passing to a white center. Free flowering and very desirable.

D. T. Poulsen. A new Hybrid-Polyantha Rose with showy semi-double flowers of a glowing red-carmine color.

Gloria Mundi. The most brilliant orange-scarlet imaginable. Never fades. Showy, well formed, double flowers produced with the greatest freedom.

Golden Salmon. Bright orange-scarlet buds expanding to glistening orange blooms that fairly blaze in the sunlight. Very showy.

Lafayette. Large, bright crimson-scarlet sprays of 40 or more flowers each. Most dependable for its continuous display of color.

Magnifique. Splendid large flowers of a clear shell pink arranged in showy large trusses and remarkably free blooming.

Marie Pavie. Charming, fully double, pure white flowers produced with the greatest freedom. Valued for its lovely and delightful fragrance.

Mrs. R. M. Finch. Double, soft rosy pink blooms fully 2 inches in diameter. Of vigorous growth, 2½ feet high, with large-flowered clusters.

Pink Lafayette. A splendid Rose with showy pink blooms arranged in lovely large-flowered clusters. A really charming variety.

Rotraut. A striking new dwarf Polyantha Rose with brilliant scarlet blooms which retain their rich color even in hot weather. Of particular value.

Scarlet Button. The richest and brightest of the Baby type—an intense brilliant scarlet of medium size. Has large, graceful trusses.

Triomphe Orleanais. Good sized, semi-double, slightly fragrant blooms of a rich cherry red color. They are borne in large clusters.

Any of the above 13 Baby Roses: 85c each; \$9.00 per doz.

Set of one each, 13 varieties, for \$9.00.

Two New Bedding Roses

Improved Lafayette (Howard & Smith, 1935). A splendid bedding Rose similar in many ways to the well-known Lafayette but of more vigorous growth and of a more attractive color. The blooms are deep glowing red suffused with vivid crimson. Its richness is dazzling particularly in bright sunshine. Sturdy, upright, vigorous growth and a large quantity of flower trusses which practically cover the plant and make this one of the finest of all bedding Roses. \$1.00 each; \$11.00 per doz.

Sunshine. Rose lovers will be much interested in this splendid new variety as it is the only reliable yellow-flowering Polyantha Rose in existence. The buds are a beautiful deep orange-scarlet but upon opening they assume a bronzy yellow shade which gradually pales to a delicate creamy fawn color as they open up fully. A bed of this new Rose presents a delightful and pleasing aspect. \$1.00 each; \$11.00 per doz.

Two Perpetual-Flowering Bedding Roses

The two varieties offered below are really outstanding and they are grown extensively wherever the gardener desires a bedding Rose that will bloom with great profusion and continuously during the entire growing season.

Gruss an Aachen. This is a very distinct Polyantha Rose having exceptionally large blooms of good form. The color is really enchanting—a fine clear shade of pink with a shading of salmon. 85c each; \$9.00 per doz.

Pink Gruss an Aachen. This has all the desirable qualities of Gruss an Aachen but its color is even more striking being quite a shade richer and more intense, particularly in the pink suffusion. 85c each; \$9.00 per doz.

One each of the above
Perpetual-Flowering Bedding Roses for \$1.50.



Else Poulsen

Single Hybrid Polyantha Roses

Unlike all other single Roses these new hybrids are of exceptionally vigorous habit forming splendid plants that reach a height of 2 to 3 feet. They are a mass of attractive flowers throughout the season. The individual blooms measure 2 inches across or more. They are substantial and long lasting. We highly recommend these three varieties as they are perfectly reliable and will not disappoint.

Else Poulsen. A beautiful tone of pure rose-pink which always is greatly admired.

Kirsten Poulsen. Rich bright scarlet flower petals that glisten in bright sunlight like live coal.

Salmon Spray. This has lovely semi-double blooms of a rich salmon-pink color enhanced by a shading of carmine on the reverse. Sweetly scented and free blooming.

Any of these three: 85c each; \$9.00 per doz.

Popular Hardy Climbing and Rambler Roses

Climbing Roses combine the beauty of their blooms with all the practical features of climbing plants. They are splendid grown on trellises, the garden house, on the porch pillars, or wherever they will have a good support to which they can be trained. Our list of varieties includes those that have proved most popular and desirable.

Albertine. Vermilion buds and large fragrant flowers of coppery chamois yellow passing to coppery rose. Most attractive.

American Pillar. A single-flowering variety of great beauty. The flowers are of large size, 3 to 4 inches across, of a lovely shade of pink with a clear white eye and a cluster of yellow stamens. These flowers are borne in immense bunches and a large plant in full bloom is a sight not easily forgotten.

Bess Lovett. Resembles Climbing American Beauty in shape of flower but is brighter in color. A clear bright red of good size and of double form. Strong and very fragrant.

Bonfire. The best of the reds of the Crimson Rambler type—intense crimson-scarlet or fiery red. Many flowered trusses.

Chaplin's Crimson Glow. A strong, vigorous climber of the type of Paul's Scarlet Climber and similar in many ways excepting that it is much larger. The full double crimson flowers have a white base. A desirable addition to the list of climbing Roses.



Chaplin's Pink Climber. A splendid vigorous climber with good sized, shapely, double flowers of a rich lively pink with just a touch of salmon when first expanding. Makes a most effective display of color unequaled by any other of this type.

Christine Wright. Very large, cupped flowers of an exquisite and refreshing bright Wild-Rose pink color. Splendid long stemmed sprays.

Climbing American Beauty. The name is somewhat misleading, but is one of the best climbing Roses. A strong, healthy, vigorous grower, frequently making shoots from 10 to 12 feet long, and good sized flowers for a climbing Rose that blooms so freely. Deep rose-pink, of good form and substance.

Climbing Lafayette. A climbing sport of the popular bedding Polyantha Rose Lafayette with bright crimson-scarlet blooms.

Daydream. Good sized, semidouble flower, resembling a Water Lily of a blushing pink shade. A splendid pillar Rose.

Dorothy Perkins. The old favorite soft shell pink still popular with many gardeners who appreciate its good qualities.

Dr. Huey. Similar in habit of growth and form of the flowers to Paul's Scarlet Climber but of a dark crimson-maroon color.

Dr. W. Van Fleet. An exquisite delicate pink Rose. The long, pointed buds are rich flesh pink, carried on stems 12 to 18 inches long. Splendid for cutting. A strong, vigorous grower.

Emily Gray. A real yellow climbing Rose with long, pointed buds and beautiful light orange-yellow blooms changing to pale orange as they expand. They are borne on stiff crimson-red stems. Dark green, holly-like foliage. Requires protection north of Philadelphia.

Ernestine Cosme. A unique, single flowered variety of pretty form and a delicate soft pink color. Blooms profusely in great, pyramidal shaped, many flowered sprays.

Gardenia. Bright yellow buds opening into double flowers of a rich cream color. The incurved petals and its lovely color give it some resemblance to a Gardenia.

Jacotte. Destined to find a place among the most popular when its merits and distinct coloring become better known. A deep orange yellow, tinted coppery red. Good sized, semidouble, very lasting flowers with moderate fragrance. Borne several together on a long stem. Blooms in May and June.

Marie Gouchault. Just like Dorothy Perkins but deeper in color, a clear Geranium pink and with healthy foliage.

Mary Lovett. Charming, large, sweet scented blooms of a pure waxy white color. A strong grower and most profuse bloomer.

Mary Wallace. Well formed, semidouble flowers of a bright clear rose-pink with salmon base to the petals. Large flowers, generally exceeding four inches in diameter. Very free flowering.

Mme. Gregoire Staechelin (*The Spanish Beauty*). A vigorous grower with good foliage. The long, shapely buds are carried on 12 to 14-inch long stems. Shapely, semidouble, fragrant flowers of an iridescent pearly pink tipped with crimson. \$1.00 each; \$11.00 per doz.

Paul's Scarlet Climber. The most popular of all climbing Roses. A vivid scarlet, of large size, produced in clusters of from 3 to 20 flowers on long, strong stems.

Phyllis Bide. A dainty, exquisitely formed, small bud and flower with reflexed petals. Pale yellow tinted with tones of pink and deep rosy tips. Blooms intermittently throughout the season. Particularly nice as a pillar Rose.

Primrose. A real hardy yellow rambler. Strong and vigorous. A glowing primrose yellow which is maintained until the petals drop. The moderately fragrant flowers are usually borne 2 or 3 to a spray supported by a long stem. Fine for cutting.

Silver Moon. Different from all other Roses, with beautiful, fragrant, semidouble flowers four and a half inches and over in diameter. Creamy white petals of great substance.

The Beacon. A distinct and effective bright fiery red with white eye in the way of American Pillar. Single and semidouble flowers produced in large clusters. Handsome foliage.

Thelma. Similar in habit of growth to Paul's Scarlet Climber but of a delicate coral pink suffused with carmine. The flowers usually have three rows of petals.

Wichuraiana (*Memorial Rose*). Pretty, fragrant, single, pure white flowers with yellow stamens followed in fall by bright red hips or berries. A good climbing Rose where no great height is required, especially valuable where a trailing plant is desired, forming a dense mat of almost evergreen foliage.

Any of the above, excepting Mme. Gregoire Staechelin: 75c each; \$8.00 per dozen.

Three American Hardy Climbing Roses

Climbing Roses always add a touch to the garden that cannot be secured by any other means and these three varieties are extra fine.

Blaze

*The New Hardy
Everblooming Scarlet*

U. S. Plant Patent No. 10

A marvelous new hardy climbing Rose with the blazing color of Paul's Scarlet Climber and the everblooming habit of Gruss an Teplitz. It thus combines the most attractive features of its two parents. It is a vigorous climbing variety which will grow to considerable height and will produce an abundance of flowers on both the old and new growth. It is without question a Rose which is destined to great popularity as it blooms continuously after once having become established. Strong, 2-year-old plants \$1.50 each; \$15.00 per doz.

Golden Climber

Mrs. Arthur Curtiss James

U. S. Plant Patent No. 28

This is the first true golden yellow climber with quality blooms able to withstand sub-zero temperatures without injury. Carries its glorious flowers on stems 18 inches long with a burst of flowers continued throughout the season with recurrent blooms. Pure golden yellow buds heavily marked with orange-scarlet opening to semi-double flowers of a solid golden yellow color. The petals are gracefully ruffled and beautifully crinkled. Vigorous, delightfully fragrant, and splendid for garden display or for cutting. Strong, 2-year-old plants \$2.00 each; \$20.00 per doz.



The New Dawn

The New Dawn

The Everblooming Dr. Van Fleet

U. S. Plant Patent No. 1

A counterpart of the beautiful and popular flesh pink Rose, Dr. Van Fleet, embodying all its fine qualities but having the added advantage of blooming perpetually throughout the season. It is a sport from Dr. Van Fleet which is universally acknowledged as one of the best and most popular American Climbing Roses. The New Dawn is equally valuable having the same long, pointed, flesh pink buds and double flowers but the blooms are produced continuously throughout the summer and fall months which increases its value considerably. As the flowers are carried on fine, long stems it makes as fine a cut flower as garden Rose. Strong, 2-year-old plants \$1.50 each; \$15.00 per doz.

Climbing Hybrid-Tea Roses

While not as free flowering as the bush type of Hybrid-Tea Roses, these climbing forms produce a large crop of flowers in June, with a liberal scattering of blooms throughout the season. All of these varieties require protection in the latitude of Philadelphia and are especially desirable in the southern states.

Climbing Etoile de Hollande. A climbing form of this most popular Rose with beautiful, well formed, red blooms.

Climbing Hoosier Beauty. Beautifully shaped buds of large size. Rich dazzling scarlet blooms.

Climbing Kaiserin Augusta Victoria. A climbing form of this popular white Rose.

Climbing Lady Ashtown. The best of the climbing Hybrid-Tea varieties. Very large rose-pink flowers.

Climbing Lady Sylvia. Charming, well formed flowers of a light soft pink tone tinted with yellow at the base.

Climbing Los Angeles. Beautiful sweet-scented flowers of a luminous flame pink with golden coral suffusion.

Climbing Mme. Edouard Herriot. A climbing form of the popular coral red Daily Mail Rose.

Climbing Mrs. Aaron Ward. Beautiful Indian yellow flowers.

Marechal Niel. Superb; bright golden yellow. Tea-scented.

Mermaid. Beautiful, single, creamy white flowers measuring 3 to 4 inches in diameter. A splendid pillar Rose.

Souvenir de Claudius Denoyel. A fine pillar Rose with rich glistening crimson blooms tinted vermillion. Of enormous size with long, velvety crimson buds.

Any of the above: \$1.25 each; \$12.00 per doz.



Climbing Lady Ashtown

Hybrid Perpetual Roses

The varieties of Hardy Perpetual Roses listed below are the best in this popular hardy class which before the development of the Hybrid-Tea Roses was the most popular type for garden planting.

- American Beauty.** Fragrant rich dark carmine flowers.
- Captain Hayward.** Showy large blooms of excellent form. They are fragrant and of a rich crimson color.
- Clio.** Splendid blooms of globular shape borne on long, sturdy stems. A delightful satiny flesh with deeper center.
- Frau Karl Druschki.** A well-known variety with large white blooms. The ideal white garden Rose.
- General Jacqueminot.** Fragrant, brilliant scarlet-crimson.
- George Arends.** A beautiful, sweet-scented, pink variety.
- Gloire de Chedane Guinoisseau.** Excellent large globular blooms of an intense burning vermilion-red color.
- Henry Nevard.** Crimson-scarlet of fine large form; very fragrant. One of the freest flowering.
- Magna Charta.** Bright pink, attractively suffused with carmine. Fragrant.



Mme. Albert Barbier

- Mme. Albert Barbier.** This remarkable variety is as free flowering as many of the popular Hybrid-Tea Roses. Long and well formed buds of a pearly white color suffused with soft salmon flesh. Large, full, double, imbricated flowers of splendid form, which as they expand show a golden apricot suffused center. Of vigorous, strong growth. Fragrant.
- Mrs. John Laing.** Soft pink of splendid form. Moderately fragrant and very free flowering.
- Mrs. R. G. Sharman Crawford.** Deep rosy pink, outer petals shaded with flesh, one of the freest bloomers and a splendid Rose.
- Paul Neyron.** Deep rose; fragrant blooms of immense size.
- Prince Camille de Rohan.** Deep velvety crimson-maroon. The blooms have a delicate fragrance.
- Ulrich Brunner.** Intensely fragrant, bright cherry red.

Any of the above: 85c each; \$9.00 per doz.

Special Offer: One each of the above
15 Hybrid Perpetual Roses for \$11.00.

Tree-Shaped Roses

These Tree-Shaped Roses are highly valued by many gardeners as they add a most desirable effect to any Rose garden or border. We are pleased to be able to offer a nice assortment of the varieties listed below in real good plants with strong straight stems, 42 inches high.

- Frau Karl Druschki.** Free flowering large pure white Hybrid Perpetual. Showy well-shaped blooms.
- Hadley.** Dazzling crimson-scarlet.
- Joanna Hill.** Clear yellow with golden heart.
- Los Angeles.** Luminous flame pink toned with coral and illuminated by a bright gold sheen.
- Mme. Edouard Herriot** (The Daily Mail Rose). Brilliant coral red with shadings of liquid copper.
- Mrs. Henry Bowles.** Intense brilliant pink with lighter salmon-pink shadings.
- President Hoover.** A glorious combination of cerise-pink, flame, scarlet, and yellow.
- Radiance.** The most popular pink bedding Rose.
- Red Radiance.** Bright cerise-red.
- Souvenir de Claudius Pernet.** Beautiful buds and flowers of striking Sunflower yellow.
- Talisman.** One of the most popular Roses grown, a beautiful combination of apricot, gold, and deep rose.

Any of the above: \$3.50 each; \$35.00 per doz.



Tree-Shaped Roses



Rosa Hugonis

Rose Species

Rosa Hugonis. A splendid Rose for the shrubbery border with delicate yellow single flowers produced on long arching sprays early in May; after it has finished flowering it remains an attractive decorative bush for the balance of the season; perfectly hardy. 85c each; \$9.00 per doz.

Rosa Hugonis fl. pl. This is a double flowering form of Rosa Hugonis. The lovely, well shaped blooms are of the same delicate yellow color and they are borne profusely during the early spring. A splendid variety wherever a Rose of shrubby habit is wanted as in the shrubbery border. 85c each; \$9.00 per doz.

Rosa Moyesi. A beautiful species, similar in habit of growth to Rosa Hugonis but growing from 6 to 10 feet high with attractive, brilliant, single, deep blood red flowers in June. \$1.00 each.

Rosa Xanthina. Double bright yellow flowers about two inches across. It is a strong grower which is at home in Turkestan and Afghanistan. \$1.00 each.

Hybrid Sweet Brier Roses

Anne of Geierstein. Dark crimson; of graceful habit.

Bradwardine. Clear pink flowers of fine form.

Lady Penzance. Beautiful soft tint of copper with metallic lustre. The base of each petal is yellow.

Lord Penzance. Soft shade of fawn or ecru, passing to a lovely lemon yellow in the center, sometimes toned delicate pink. Any of the above: \$1.00 each. One each of the 4 varieties, \$3.50.

Austrian Brier Roses

Austrian Copper. Bright coppery red; reverse golden yellow.

Harison's Yellow. Fine double golden yellow flowers.

Persian Yellow. Medium sized, deep yellow, double flowers. Any of the three: 85c each. Set of 3 varieties for \$2.25.

Moss Roses

Blanche Moreau. Large, pure white.

Crested Moss. Rose color, beautifully crested.

Golden Moss. A true Moss Rose with golden buff flowers tinted pink and passing to creamy white. \$1.00 each; \$11.00 per doz.

Henry Martin. Fine crimson, very vigorous.

Salet. Large, full double, light rose.

Except where noted: 85c each.
One each of the 5 Moss Roses \$4.00.

Shrub Roses

We group under this heading various types and species of Roses that are of strong habit of growth and will be found especially adapted to plant in mixed shrubbery borders, or in separate beds or groupings, or as individual specimens in the garden.

Rugosa Roses and their Hybrids

Blanc Double de Coubert. Double pure white.

Conrad Ferdinand Meyer. Clear silvery rose.

Hansa. Attractive double reddish violet.

Red F. J. Grootendorst. Imagine a shrub-like Rugosa Rose covered with trusses of lovely crimson Baby Roses and you will have a fair conception of this new hybrid variety. It is valuable to plant as an isolated specimen or in a mass in a bed or in the shrubbery border or may be used as an ever-blooming hedge. Hardy and continues in bloom until late in the fall.

Pink F. J. Grootendorst. Identical with the above variety, except in color, which is a splendid clear pink.

Rugosa. Large, single, rosy carmine.

-alba. Large single white.

Any of the above: 85c each; \$9.00 per doz. Set of 7 varieties for \$5.00.

New Hybrid-Rugosa Rose Golden Dream

This is a newer variety with showy, large, double blooms of a pure golden yellow color. It is a strong grower and blooms very profusely. \$1.00 each; \$11.00 per doz.



Trailing Rose, Max Graf

Trailing Hybrid-Rugosa Rose Max Graf

Makes an excellent pillar or climbing Rose, but will be found most valuable as a ground cover for which purpose it is far superior to any of the Wichuraiana varieties. The foliage resembles Rosa Rugosa and is retained very late in the season. It is practically immune to insects and diseases and is absolutely hardy. The single, bright pink flowers are large and have prettily crimped petals. For planting on a steep bank or for trailing over a stone wall, it has no equal. 85c each; \$9.00 per doz.

Hybrid-Musk Roses

Perpetual flowering Roses of shrub-like habit, valuable for planting in the shrubbery, being particularly attractive in the fall.

Cornelia. Always in bloom, with fragrant rosette shaped three-inch flowers borne in clusters. Color strawberry, flushed yellow.

Penelope. Semi-double shell pink flowers shaded saffron; borne in branched clusters. Growth vigorous, nearly always in bloom.

Either variety: 85c each; \$9.00 per doz.

Dreer's Water Lilies—*Nymphaea*

Tropical or Tender Varieties

We make delivery of Tropical or Tender Water Lilies of both the Day and Night Blooming types at the proper planting time which is usually **after the first of June**, in strong growing plants from pots. They must not be planted until the weather becomes warm and settled. Orders from the warmer Southern States and from the Pacific Coast are filled earlier with tubers.



Nymphaea, Mrs. Edwards Whitaker

Day-Blooming Tender *Nymphaeas*

These day-blooming tender Water Lilies will add greatly to the beauty of your pool. The much desired blue varieties are found in this lovely class. Delivery of these is made after June 1, in strong growing plants from pots. You are bound to succeed with them if you follow the instructions given in the Dreer leaflet.

Daubenyana. Small, fragrant, light blue flowers, valuable for winter blooming in aquariums or small pools. \$1.00 each.

Grossherzog Ernst Ludwig. A free-flowering variety of a true violet-blue with a golden yellow center. \$2.00 each.

Mrs. C. W. Ward. Deep rosy pink on long stems. \$2.00 each.

Mrs. Edwards Whitaker. One of the largest flowered varieties, the huge open flowers often exceeding 13 inches in diameter. Sky blue in color becoming lighter with age. The plant is very accommodating, flowering when dwarfed from lack of room, or exuberantly filling a 15-foot basin. A splendid specimen plant that should be in every pool. \$2.00 each.

Mrs. Geo. H. Pring. Immense snow-white flowers freely borne through the entire summer. The young leaves are blotched with brown, the older ones plain green. The best day-blooming white tropical Water Lily, and a good contrast to the colored varieties. \$2.00 each.

Ovalifolia (*Tabora Water Lily*). Of African origin; flowers of the largest size. Upon opening the flowers are almost white, but as they mature a shade of blue suffuses them. It is very free blooming and sweetly scented. \$3.00 each.

Pennsylvania. Rich blue flowers of largest size. Very free and continuous flowering. \$2.50 each.

Pulcherrima. This variety flowers continuously winter and summer. Of a fine light blue with yellow center. \$2.00 each.

Wm. Stone. Rich violet-blue, shaded amaranth. \$2.00 each.

Zanzibariensis. The darkest blue or purple of the genus; very free flowering and exceedingly showy. \$1.50 each.

— **azurea.** Clear azure blue flowers. \$1.00 each.

— **rosea.** Various shades of rose. \$1.00 each.

DREER'S WATER LILY LEAFLET gives complete directions for the cultivation of both hardy and tender Water Lilies, Victoria, Aquarium Plants, and other Aquatics. Sent free on request.

Night-Blooming Tender *Nymphaeas*

The night-blooming varieties of Water Lilies have a particular charm. The flowers open in the evening and do not close until the following forenoon. Their exotic charm and their night-blooming habit add an interesting feature to every pool. They are strictly tropical plants that demand a water temperature of 70° F. or more and should therefore not be set into the pool too early in the season.

Bissetti. Flowers 8 to 10 inches in diameter, cup-shaped; of a beautiful glowing shade of rosy pink. \$2.00 each.

Dentata. White, 8 to 12 inches across. \$1.00 each.

— **magnifica.** Large cup-shaped creamy white flowers. 10 to 12 inches across. Very desirable. \$2.00 each.

— **superba.** The largest white Water Lily grown. Flowers of clear glistening white. \$2.00 each.

Devoniensis. This old favorite produces its large pure red flowers in the greatest abundance. \$1.00 each.

Frank Trelease. The darkest colored of all tender Water Lilies. A glowing dark crimson. \$1.50 each.

Geo. Huster. Brilliant crimson flowers. \$2.00 each.

Kewensis. Medium size, light pink flowers. \$2.00 each.

O'Marana. Flowers large and massive. Color pink, suffused with red; very desirable. \$1.50 each.



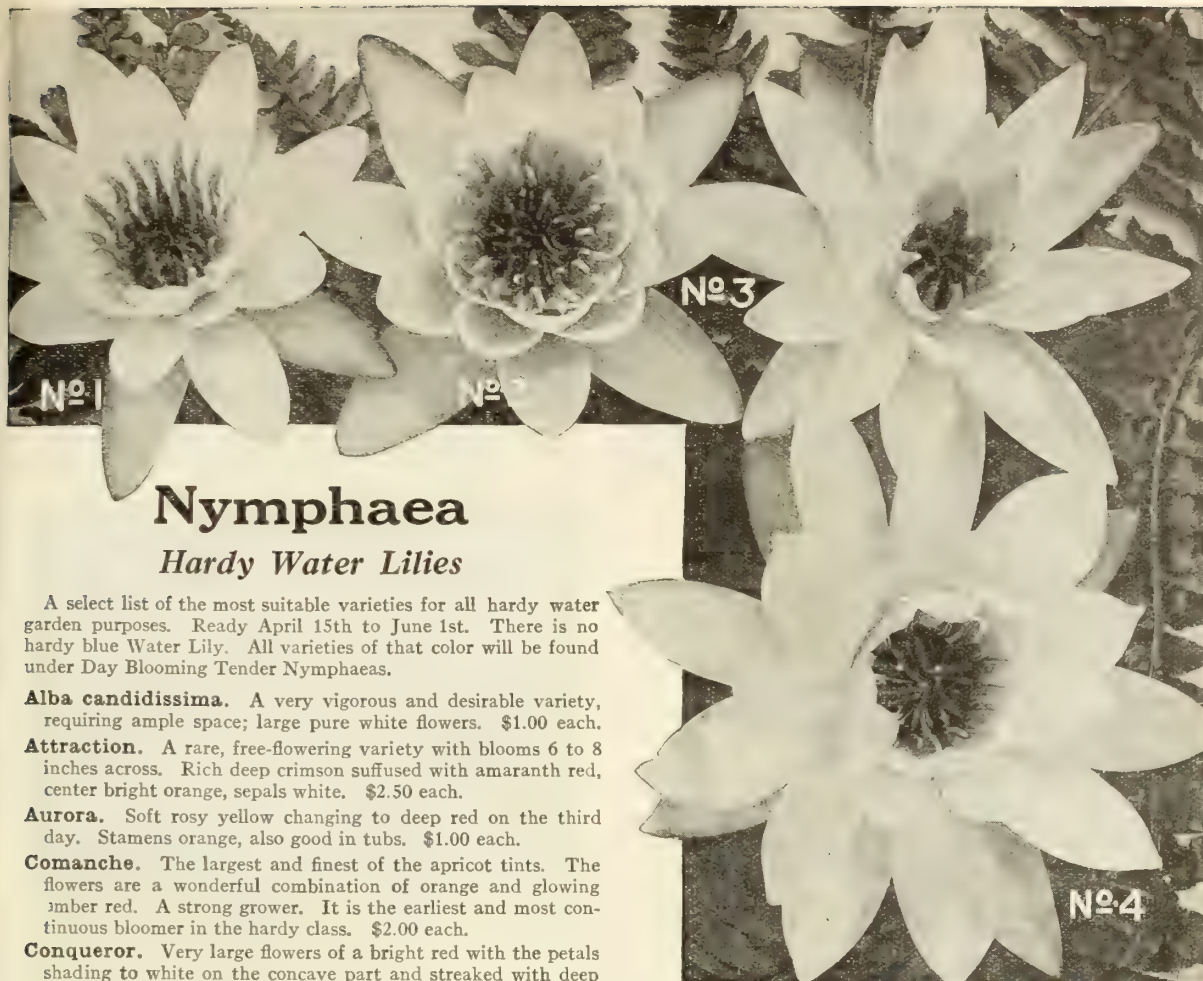
Rubra rosea

Rubra rosea. One of the best and largest rosy reds produced with remarkable freedom. \$1.00 each.

Victoria—Royal Water Lily

Cruziana. The majestic leaves are from 3 to 5 feet across. They have a saucer-like edge 2 to 3 inches wide and are so strong that they will easily bear the weight of a child 30 to 50 pounds. The strongly banana-scented flowers are enormous, from 10 to 12 inches in diameter, opening just at dusk. They are pure white the first night but pink on the second and third night. Culture similar to that of Tender *Nymphaeas*.

Plants, \$10.00 each. Seeds, 3 for \$1.50.



Nymphaea

Hardy Water Lilies

A select list of the most suitable varieties for all hardy water garden purposes. Ready April 15th to June 1st. There is no hardy blue Water Lily. All varieties of that color will be found under Day Blooming Tender Nymphaeas.

Alba candidissima. A very vigorous and desirable variety, requiring ample space; large pure white flowers. \$1.00 each.

Attraction. A rare, free-flowering variety with blooms 6 to 8 inches across. Rich deep crimson suffused with amaranth red, center bright orange, sepals white. \$2.50 each.

Aurora. Soft rosy yellow changing to deep red on the third day. Stamens orange, also good in tubs. \$1.00 each.

Comanche. The largest and finest of the apricot tints. The flowers are a wonderful combination of orange and glowing amber red. A strong grower. It is the earliest and most continuous bloomer in the hardy class. \$2.00 each.

Conqueror. Very large flowers of a bright red with the petals shading to white on the concave part and streaked with deep red on the convex surface; stamens yellow-orange. One of the showiest. \$2.50 each.

Escarboucle. Very free flowering, 4 to 6 inches across, of a brilliant crimson-carmine with bright orange center. \$2.50 each.

Gladstoniana. Cup-shaped, massive flowers of a pure dazzling white. \$1.25 each.

Gloriosa. A superb large flower of a deep carmine-rose, becoming a dark red late in the season. Very free and a continuous bloomer. \$2.50 each.

Helen Fowler. A natural cross of *N. tuberosa* type. Strong vigorous growth. Deep pink, very fragrant flowers borne on stout stems making it useful for cut purposes. \$1.00 each.

James Brydon. Rich rosy crimson. The reverse of petals has a silvery sheen. \$2.50 each.

Laydekeri purpurata. Pleasing carmine-rose flowers borne in constant succession. The plant is moderate in growth and suitable for medium-sized pools. The leaves are oval and prettily spotted; a dependable variety. \$2.00 each.

Marliacea albidia. Large fragrant flowers of sparkling whiteness; stamens light yellow. Blooms profusely. \$1.00 each.

— **carnea.** A delicate soft flesh pink deepening towards the base of the petals. \$1.25 each.

— **chromatella.** Petals and stamens bright yellow, 4 to 6 inches across. A free and continuous bloomer. \$1.50 each.

— **rosea.** A splendid companion to the above which it resembles in all particulars except color. Flowers soft rose-pink. \$2.00 each.

Odorata. The native White Pond Lily. Very desirable for planting in quantity in natural ponds. 50c each.

— **gigantea.** The native White Lily of the Southeastern States. Flowers pure white, 5 to 7 inches across. A very strong, vigorous grower. 50c each.

— **minor.** The native miniature White Water Lily. Very dainty and suitable for tubs and small pools. 50c each.

— **rosea (Cape Cod Pink Pond Lily).** Very fragrant, clear pink flowers, 5 to 6 inches across. \$1.00 each.

No. 1, Gloriosa; No. 2, Marliacea chromatella
No. 3, Marliacea rosea; No. 4, Marliacea albidia

Odorata, Rose Arey. Very large, fragrant flowers of deep cerise-pink. \$1.50 each.

— **W. B. Shaw.** This magnificent Lily has large fragrant flowers of a rich clear rose-pink. \$1.25 each.

Paul Hariot. A magnificent light yellow delicately shading to copper-red. Large and free blooming. \$2.00 each.

Pink Opal. Medium-sized fragrant flowers of a deep coral pink, held well above the water. Suitable for tub culture. \$1.50 each.

Pygmaea. A little gem with small tea-scented white flowers. Suitable for tub and aquarium culture. \$1.00 each.

— **helvola.** A charming miniature yellow from Japan. Very desirable for small pools, tubs, and the aquarium. \$1.00 each.

Sunrise. A large showy new hardy yellow, flowers 8 to 9 inches across, held well above the water. Blooms from early June to late October. The flowers expand early in the morning and remain open all day long. \$2.50 each.

Tuberosa. A native white of very strong growth, flowers 4 to 9 inches across, produced in moderate quantity. The various varieties of tuberosa are suitable for planting in deep water, and should have plenty of room to spread. 50c each.

— **maxima.** A free-flowering variety of the above; 4 to 8 inches across. Pure white, fragrant flowers. 50c each.

— **Richardsoni.** Flowers white and quite double. No variety in our Water Garden is admired more than this immense snow-ball-like flower, 8 inches in diameter. \$1.00 each.

— **rosea.** Flowers an exquisite shade of pink. A vigorous grower of the easiest culture. \$1.00 each.

— **sulphurea.** A strong rampant grower with large sulphur yellow, sweet-scented flowers. \$1.00 each.

William Doogue. Beautiful cup-shaped flowers of a delicate pleasing shade of shell pink. \$2.50 each.

William Falconer. A brilliant warm red, intensified by the bright yellow stamens. \$5.00 each.

Miscellaneous Aquatics

For Marginal and Shallow Water Planting



Aponogeton distachyus in front and
Acorus japonicus variegatus in rear

Aponogeton distachyus (*Water Hawthorn*). This interesting and beautiful aquatic is one of the few water plants which will grow in pools or streams that are fed with cold spring water. The pretty, sweet Hawthorn-scented center spikes of pure white flowers will be produced the entire year when grown in pools or streams that do not actually freeze over. Has beautiful, oblong, floating leaves. Perfectly hardy. 75c each.

Acorus japonicus variegatus (*Variegated Sweet Flag*). A hardy plant for shallow water. 25c each.

Cyperus alternifolius (*Umbrella Plant*). Will grow 4 feet high. 25c each; \$2.50 per doz.

— **Papyrus** (*Papyrus antiquorum*). The true Egyptian Paper Plant. 50c each; specimen plants in 11 in. tubs, \$2.50 each.

Eichhornia azurea. The flowers are a lovely shade of lavender-blue. This species of Water Hyacinth requires to be planted in soil in shallow water 4 to 8 inches deep. It makes long, trailing, floating stems. Grows rapidly and flowers profusely all summer. A native of Brazil. 50c each.

— **crassipes major** (*Water Hyacinth*). Delicate lilac rose flowers arranged in trusses like a Hyacinth. A floating plant, just drop it on surface of the water. 20c each; \$2.00 per doz.

Jussiaea longifolia (*Primrose Willow*). Yellow flowers in great profusion from June until frost. Grows 3 to 4 feet high. 50c each.

Limncharis Humboldti (*Water Poppy*). Yellow flowers produced in the greatest profusion all summer. Leaves and flowers floating. One of the best plants for shallow water, 6 to 8 inches deep, or for tub cultivation. Requires greenhouse protection during winter. 25c each; \$2.50 per doz.

Myriophyllum proserpinacoides (*Parrot's Feather*). Rises about 6 inches out of the water. 25c each.

Hardy Nelumbium or Lotus

Note—Nelumbium can be supplied only as dormant tubers from May 1st to June 1st.

Luteum (*American Lotus, Water Chinquepin*). A superb variety with yellow flowers measuring to 10 inches across. Indigenous to the Western and Southern States. \$2.00 each.

Pekinensis rubrum plenum. Large double flowers often 12 inches in diameter. Bright rosy carmine; fragrant. \$4.00 each.

— **Shiroman**. Enormous, double, white flowers; very sweet-scented. \$4.00 each.

Speciosum (*Egyptian Lotus*). The best known variety and the easiest to grow. Desirable for naturalizing in ponds where the magnificent foliage and flowers produce a splendid subtropical effect. The flowers are a deep rose color, creamy white at base of petals. \$2.00 each.



Nelumbium speciosum

Pontederia cordata (*Pickereel Weed*). Blue flowers in lovely spikes 18 to 24 inches long. Hardy. 25c each.

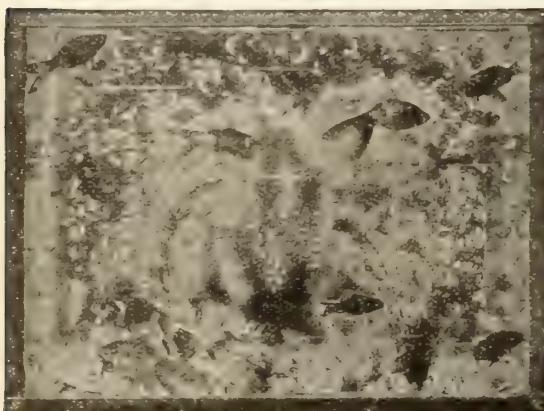
Thalia dealbata. A stately hardy aquatic with Canna-like leaves and tall graceful spikes of plum-colored flowers which are followed by attractive seeds of the same color. It grows from 4 to 7 feet high and should be grown in shallow water or wet ground. A good hardy plant for the center of the pool or to plant in the background. \$1.00 each.

Typha latifolia (*Cat Tail*). Hardy. 8 feet. 25c each; \$2.50 per doz.

Vallisneria spiralis (*Tape, Eel Grass, or Wild Celery*). A well-known hardy aquatic plant. 25c each; \$2.50 per doz.

Zizania aquatica (*Wild Rice*). A hardy annual growing 10 feet tall. Long showy panicles. 25c each; \$2.50 per doz.

Aquatic Plants for the Aquarium



A well planted Aquarium

Anacharis (*Elodea*) **canadensis gigantea** (*Giant Water Weed*). A beautiful submerged plant with dark green ovate leaves and light stems. 25c per bunch; \$2.50 per doz.

Cabomba viridifolia (*Washington Plant, Fish Grass*). A pretty and popular submerged plant. 25c per bunch; \$2.50 per doz.

Ludwigia Muleritti. One of the prettiest of the submerged plants. The small ovate leaves are green above and pink on the under side. 25c per bunch; \$2.50 per doz.

Sagittaria natans (*Arrowhead*). Long, strap-like, green leaves resembling the well-known *Vallisneria*. 25c each; \$2.50 per doz.

— **sinensis** (*Giant Sagittaria*). Leaves dark green; broader than *S. natans*. 25c each; \$2.50 per doz.

Vallisneria spiralis, Italian Type (*Eel Grass*). A submerged plant with long ribbon-like leaves. Grows all winter long. 25c each; \$2.50 per doz.

Collection of one each of above 6 Aquarium Plants, \$1.25.

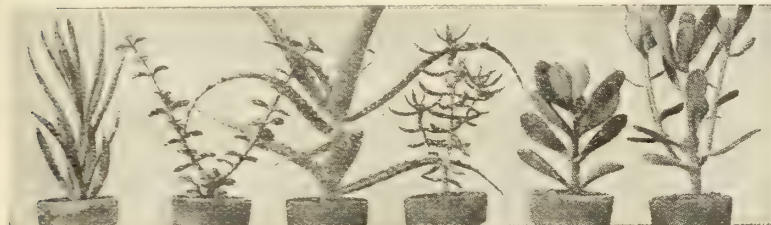
Fish Food. Reliance Fish Nutrition offers the properly balanced diet that is easily assimilated by all aquarium fishes. Per package of 1½ ounces, 25c.

Succulent Plants

Splendid Pot Plants. Also fine for Table and Miniature Rock Gardens

These are very interesting and curious plants of easy culture. They are mostly desert plants which will subsist on an astonishingly small quantity of water except during their active growing season. Plant them outdoors in the rock garden during the summer time. Repot in the fall and carry over winter in the house. Our list includes a wide assortment of all the better known kinds which are really desirable.

Succulent plants in pots smaller than 4 inches will be mailed if you add 10% (15% west of the Mississippi) of the value of the plants to your remittance for postage and special packing. Minimum charge 10 cents.



Kleinia repens

Portulacaria afra

Aloe arborescens

Crassula tetragona

Crassula arborescens

Sedum dendroideum

Agave—Century Plant

Useful as an individual specimen on the lawn, in the garden during the summer, or as a house plant during the winter.

Americana. A very showy variety with beautiful dark green glaucous foliage.

— **variegata.** The glaucous foliage is prettily bordered and marked with creamy yellow. A very showy plant.

Larger plants of either variety, 3-inch pots 50c; 4-inch pots 75c; 6-inch pots, real specimens, \$2.00 each.

Aloe

These interesting succulents are easy to grow. They need little water except during the periods of actual growth.

Arborescens (Medicine Cactus). Has long narrow pointed leaves of heavy texture about 2 inches wide. See illustration. Larger plants 3-inch pots 50c; 4-inch pots \$1.00; 6-inch pots \$2.00 each.

Ciliaris. Of same growth as arborescens but smaller and more graceful.

Cotyledon

Orbiculata. A free grower of attractive appearance having thick fleshy leaves of a bright glaucous green.

Crassula

This is a favorite class of easy to grow succulents.

Arborescens (Jade Plant). Erroneously called Japanese Rubber plant. Larger plants 3-inch pots 50c; 4-inch pots \$1.00; 5-inch pots \$1.50; 6-inch pots \$2.00. Large, vigorous specimens \$5.00, \$6.00, and \$7.50 each.

Lactea. Deep glaucous green foliage and large clusters of white flowers.

Lycopoides. Compact. Mossy appearance and very free growing.

Quadrifida. Dark green foliage.

Tetragona. Dark green foliage, pointed leaves. See illustration above.

For **Euphorbia**, see page 106.

For **Epiphyllum**, see page 106.

Echeveria

Carnicolor. A new European variety with flesh colored leaves and very attractive flowers.

Secunda glauca. Beautiful flat rosettes with fleshy, scale-like leaves.

Weinbergi (Dream Plant). Thick-leaved rosettes of a distinct rose tint. It is a great favorite.

Kalanchoe

Crenata. Large fleshy leaves of a bright green color. Yellow flowers.

Daigemontanum. Very attractive plants with acutely denticulate leaves.

Fedtschenkoi. Bluish foliage, bell-shaped orange flowers.

Flammea. Green foliage tinted red. The flowers are bright orange.

Globulifera coccinea (Blossfeldiana). Small bright green foliage and brilliant scarlet-red Bouvardia-like flowers. An ideal winter flowering house plant of recent introduction. It has proved to be one of the most consistent bloomers doing well in the living room where it will bloom for many weeks. Awarded Gold Medal.

Kleinia

Repens. Long, whitish green leaves of fleshy texture. Very showy. See illustration of young plant above.

Mesembryanthemum

This is a very large and most interesting class of succulent plants often identified by the popular name of Ice Plant, though they are widely different in appearance which makes them particularly interesting.

Deltoides. Triangular, toothed leaves of a whitish green. A graceful variety.

Echinatum. A creeper with attractive thick fleshy leaves.

Edule. The rich thick glaucous green leaflets give an interesting display.

Maximum. Attractive laterally compressed leaves of a peculiar gray color and showy lavender blooms.



Opuntia—Bunny Ear Cactus

Opuntia—Bunny Ear Cactus

Microdasys. A popular and showy cactus with thick heavy joints of elliptical form. Bright green covered with golden yellow bristles which give it the name of Orange Cactus, also known as Bunny Ears on account of the young growth. A good house plant.

Rufida. Similar to microdasys but with brownish bristles.

Basilaris. Similar to microdasys but has blue lobes.

Monocantha variegata. Also resembles microdasys but the stems are marbled cream and green.

For **Phyllocactus**, see page 111.

Portulacaria

Afra. Unique, glossy green leaves. See small plant in illustration.

Rochea

Falcata. Large gray-green leaves and very showy clusters of orange-red flowers. A most interesting and attractive plant. 3-inch pots 50c each.

Sedum

Adolphi. A very effective plant with thick orange-colored leaves.

Dendroideum. A very small shrub having bright green leaves of medium size. See illustration above.

Linare variegata. A pretty trailing plant with green and white variegated foliage which gives a charming effect.

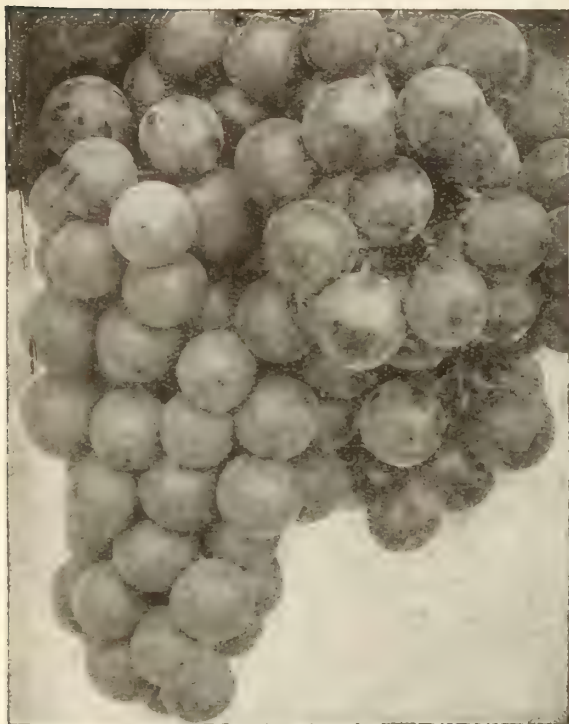
Trelesi. Has small very fleshy leaves resembling white beads. Particularly attractive and therefore very popular.

Sempervivum

Haworthi. Shrubby "Hen and Chickens." Has green foliage and is a free grower. Native of the Canaries.

We offer strong young plants of all the above varieties, except where noted, at 25 cents each; \$2.50 per dozen—any 6 for \$1.25. Larger sizes of some can be supplied as noted in descriptions.

Dreer's Select Small Fruits



Hardy Grapes

Two Luscious Hardy Grapes

Champagne. A variety that is being extensively grown in the grape growing districts of New Jersey and which has special merit not only in the quality of its fruit but is also an exceptionally strong grower and very prolific bearer. Its berries are of large size, coppery red in color, and of delicious flavor.

The Caco. A cross between Catawba and Concord, which has inherited the best characteristics of both parents, developing a luscious fruit which ranks close to the greenhouse grown product in high quality and melting texture. In appearance it is one of the most beautiful of all hardy grapes. Berries large, wine-red with abundant bloom, carried in large compact bunches. It ripens in advance of Concord and is a strong vigorous grower.

We can supply strong 2-year-old plants of either of the above sorts: 50c each; \$5.00 per doz.; \$40.00 per 100.

Six Best Standard Hardy Grapes

Catawba. A splendid red grape and a great favorite in the eastern states. Vigorous, hardy, and productive vines bearing large, long, broad clusters of dull purplish red grapes.

Concord. This has proved to do well practically everywhere. Has large black grapes arranged in long bunches. A really choice variety of superb flavor.

Lucile. Very large red grapes of exquisite flavor.

Moore's Diamond. Attractive, large, compact bunches made up of large greenish white grapes which are very juicy and of splendid quality. An early, vigorous, and prolific variety.

Niagara. This is the most popular of all white grapes with lovely large amber-white thin-skinned grapes containing a tender, sweet, and luscious pulp. Mid-season.

Worden. This resembles Concord but ripens a week earlier and is considered of still better quality. Large black grapes liberally covered with bloom.

Strong selected 2-year-old vines:
30c each; \$3.00 per doz.; \$20.00 per 100.

Small Fruits by Mail

Orders for Small Fruits up to about 25 plants can usually be sent by Parcel Post if you add to your remittance 10% (15% west of the Mississippi) of their value for postage and special packing. Minimum charge 10 cents.

Two New Early Strawberries

Dorsett

This splendid new early Strawberry, introduced by the U. S. Department of Agriculture, has made a decided "hit" with many growers throughout the country. It is a most productive variety bearing practically perfect berries of most attractive appearance and deliciously sweet wild-Strawberry flavor. Disease free, productive, of good size, with attractive berries of a light scarlet color. Valuable uncooked, in pastries, or jams.

Fairfax

This also is an introduction by the U. S. Department of Agriculture and it has been received with equal enthusiasm by all gardeners throughout the country. It is as sweet as Dorsett but matures a few days later having firmer flesh of a darker color. It has proved particularly valuable during unfavorable weather conditions when it has kept on bearing attractive berries without any let-up.

Either of the above 2 New Strawberries: 50c per doz.; 75c per 25; \$1.00 per 50; \$2.00 per 100; \$15.00 per 1000.

Twelve Choice Strawberries

A selection of fancy, high quality, heavy yielding garden varieties, covering the season from early to late.

Aberdeen. Midseason.
Beauty. Midseason.
Bellmar. Medium early.
Big Joe. Midseason.
Blakemore. Early.
Chesapeake. Late.

Dunlap. Early midseason.
Gandy. Late.
Marshall. Midseason.
Pearl. Late.
Premier. Early.
William Belt. Late.

Any of the above varieties: 35c per doz.; 50c per 25; 75c per 50; \$1.50 per 100; \$10.00 per 1000.



Mastodon Everbearing Strawberry

Mastodon—The Supreme Everbearing Strawberry

Set plants in March or April and enjoy luscious Strawberries all through late summer and fall. Plants productive, berries large, quality fine. You will enjoy them. 50c per doz.; 75c per 25; \$1.00 per 50; \$2.00 per 100; \$15.00 per 1000.

Raspberries

These will succeed in any soil that will produce vegetables but they respond quickly to liberal treatment. Keep productive by pruning after the harvest.

Cuthbert. A large, deep crimson berry of the highest quality having a rich spicy flavor. A strong grower and most productive.

Everbearing Red Raniere. This is not only the earliest red Raspberry but it is a perpetual fruiting variety with a main crop that is larger than any other red variety. The canes continue to bear attractive, richly colored, juicy and sweet berries until late August from which time on the young canes continue the supply until frost.

Latham. This variety has proved of exceptional value in certain sections where it has produced enormous yields of beautiful bright red berries of extra large size. Bears in June and makes a vigorous growth.

Any of the above: \$1.00 per doz.; \$8.00 per 100.

Blackberries

For best results grow these in a well prepared, rich soil of good texture.

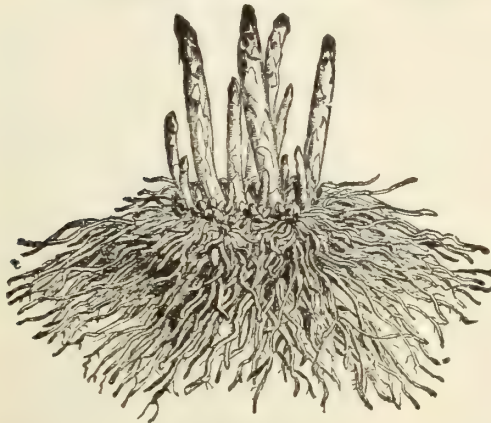
El Dorado. A strictly quality Blackberry and very popular throughout the North and Northwest where its extreme hardiness and vigor have proved very valuable. Bears attractive, jet black berries of medium size with a sweet and most pleasing mild flavor.

Snyder. An old favorite which still is exceptionally popular.

Either of the Blackberries: \$1.00 per doz.; \$8.00 per 100.



Vegetable Plants, Roots, & Herbs



Asparagus Root

Asparagus Roots. Every vegetable garden should include an Asparagus bed as one of the most important contributions to the epicure's table. Only freshly gathered Asparagus has that delightful rich flavor and tenderness that makes this vegetable one of the choicest of all. We can furnish the varieties listed below in selected one-year-old roots. We do not handle two-year or older stock because the one-year-old roots are used by all experienced growers and are the best size for transplanting. Ask for free leaflet.

- **Dreer's Eclipse.** The result of a most careful selection and "breeding up," to large size, delicate light green color, and tender quality. 50c per doz.; \$1.75 per 100; \$10.00 per 1000.
- **Palmetto.** An early green variety of good quality. 50c per doz.; \$1.75 per 100; \$10.00 per 1000.
- **Mary Washington.** Large straight dark green shoots with heavy overtone. The tips are tight and firm and do not open out or begin to branch until well out of the ground, making the finest kind of green Asparagus both for home use and market. It is nearer to being rust-proof than any other variety, and the large, luscious stalks will be greatly appreciated. 60c per doz.; \$2.00 per 100; \$12.00 per 1000.

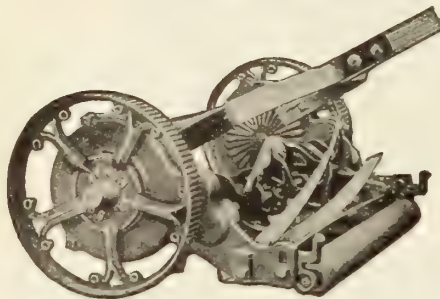
	Per doz.	Per 100
Cauliflower. Ready in April and May.		
Earliest Snowstorm. Super Strain.		
Pot-grown plants.....	\$0 75	\$6 00
Egg Plant, Early Black Beauty. Pot-grown		
plants ready in May and June.....	1 00	8 00
Hop Vines. 25c each.....	2 50	15 00
Horseradish Sets, Maliner Kren or Bohemian. Produces roots of enormous size.		
\$10.00 per 1000.....	40	1 50
Pepper. Pot-grown plants ready May and June.		
California Wonder. Large and mild.....	1 00	8 00
Long Red Cayenne. Hot and pungent.....	1 00	8 00
Rhubarb. Victoria. Finest cooking variety.		
Strong roots. 25c each.....	2 50	15 00
Tomatoes. Strong pot-grown plants ready in May and June.		
— Marglobe. Now very popular everywhere.		
— Ponderosa. The largest Tomato grown. Always profitable for the home garden.		
— Pritchard. Early, globe-shaped, scarlet fruits of fine quality.		
— Stone. Very dependable and will produce a large crop of deep red, solid fruits.		
<i>Any of the above 4 Tomato varieties: 75c doz.; \$6.00 per 100.</i>		

Popular Herbs for the Garden

- Chives.** Valued for their mild onion flavor. 20c per clump; \$2.00 per doz.; \$12.00 per 100.
- Lavender.** A great favorite. 30c each; \$3.00 per doz.
- Parsley, Dreer's Dwarf Perfection.** Beautifully curled foliage. Pot-grown plants ready April to June. \$1.00 per doz.; \$8.00 per 100.
- Peppermint.** 20c each; \$2.00 per doz.; \$12.00 per 100.
- Rosemary.** 30c each; \$3.00 per doz.
- Sage, Holt's Mammoth.** 20c each; \$2.00 per doz.; \$12.00 per 100.
- Spearmint.** 20c each; \$2.00 per doz.; \$12.00 per 100.
- Tarragon (Estragon).** For flavoring. 30c each; \$3.00 per doz.
- Thyme, Broad-Leaved English.** 20c each; \$2.00 per doz.; \$12.00 per 100.

Lawn Mowers and Accessories

The Pennsylvania Junior High Wheel Ball Bearing Mower



This splendid mower is recognized generally as the finest lawn mower made. Used extensively in Parks and Cemeteries, by Landscape Gardeners and others who demand a machine that will stand up under the most rigorous service yet operate easily and cut smoothly. A train of three gears on each side, encased in dirt proof housings, give the mower great driving power so that clean cutting results even in thick, tough grass.

Constructed with 5 extra wide crucible steel blades riveted to unbreakable malleable iron supports. Self aligning ball bearings, with fine eccentric screw adjustment. Raised edge crucible steel lower blade. Wheels 10 inches in diameter, with two steel ratchet pawls in each.

15-inch cut.....\$20 00	19-inch cut.....\$25 00
17-inch cut..... 22 00	21-inch cut..... 28 00

Dreer Low Wheel Mower. Similar in construction to the Pennsylvania Jr. but with plain bearings on the cylinder. 8-inch drive wheels.

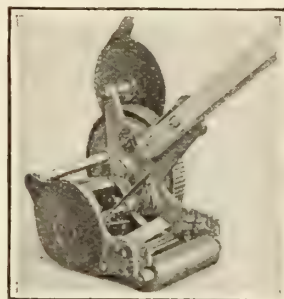
12-inch cut.....\$14 50	16-inch cut.....\$18 50
14-inch cut..... 16 50	18-inch cut..... 21 50

Lawn Trimmers

Penna Trimmer and Edger. Similar to the standard type trimmer with the additional advantage of a disc wheel turf edger, \$9.00.

Coldwell. A high quality tool for trimming along walks, walls, or flower bed, out of reach of the regular lawn mower. Width of cut, 8 inches, \$10.00.

Pennsylvania Undercut. Constructed with a slanting side plate and a conical cylinder making it possible to cut all grass left by the regular mower in places heretofore accessible only to hand shears. It will pay for itself in labor saved even on a small place. Width of cut 6 inches, \$10.50.



Penna Trimmer and Edger

Lawn Cleaners

The **Pennsylvania Lawn Cleaner** will remove from the lawn not only the cut grass, but all sorts of litter, leaves, and trash.

The suction created by the three rapidly revolving brushes (or rakes) cleans the lawn on the same principle as the vacuum cleaner operates on carpet. It is easy to operate and with it one man will do more and better work than four men with hand rakes.

The brushes are recommended for removing worm-casts from putting greens and tennis courts where a smooth surface is essential.

Always specify "Rakes" or "Brushes" when ordering.

24-inch cleaner.....\$30 00

Extra brushes or rakes, per set of three, \$7.50.

Garden Pride Ball Bearing Mower

This machine with its closed type high wheels (10 inches high) is especially adapted for the small lawn, being well made, light running, and smooth cutting. The label on the handle "Made by the Pennsylvania Lawn Mower Works," also the superior type of wheels, distinguishes the "Garden Pride" from other low priced machines.

Fitted with five hardened steel blades, a spring steel lower blade, and self adjusting Ball Bearings.

16-inch cut....\$7 50

The New Penna - lite Aluminum Mower

A real high-grade featherweight lawn mower weighing but 29 lbs. Constructed of tough aluminum alloy castings, making it 14 pounds lighter in weight than the regulation lawn mower. It runs so easily that a child can handle it. The blades, the vital parts of any mower, are made of crucible tool steel, oil hardened, and tempered.

Fitted with 10-inch drive wheels, 5 cutting blades, and has ball bearings.

The Penna-lite holds close to the ground in cutting even the thickest grass, and is unexcelled for terraces. One size only, 17-inch cut, \$15.50.

"Spring Garden" Ball Bearing Mower

To those among our customers who require a less expensive machine than the Pennsylvania Jr. we can recommend without reservation the "Spring Garden" Ball Bearing Mower.

Made only in the high wheel type, with 10-inch wheel, five blades of oil hardened and water tempered crucible tool steel; double gears, one in each drive wheel. Has a self-sharpening, raised edge, tool steel bottom knife, and perfect fitting ball cups and cones, all insuring the best all-around, easy-running machine of its type made.

15-inch cut.....\$15 00
17-inch cut..... 17 00
19-inch cut..... 19 00

Lawn Mower Oil

Quart.....\$0 35
Gallon..... 1 00

We are prepared to supply "Horse Drawn" and Gasoline Powered Lawn Mowers and will furnish quotations upon request

Lawn Cultivators Spike Disc

Through the aid of the Spike Disc Lawn Cultivator it becomes practical to renovate even the more thread bare lawn. Then too the occasional use of the cultivator will bring to perfection any grass plot. In reseeding, fertilizing or top dressing this appliance is invaluable.

The No. 30 Lawn Cultivator is equipped with 19 Discs, each 9½ inches in diameter. These will thoroughly aerate the soil, break up hard baked surfaces, and destroy moss and fungus growths.

Spiking width 18 inches. Net weight 90 pounds, this weight may be increased as desired with bags of sand. Price \$27.50.

Model 22, for small lawns, with 11 discs and a spiking width of 10 inches. Fitted with a perforated tray so that seed or fertilizer may be strewn while discing.....\$15 00



No. 30
Spike Disc
Lawn
Cultivator

Lawn Making Accessories



Planet Junior
Grass Edger

Grass Edger. The Planet Jr. revolving disc edger is a most convenient lawn edging tool, \$1.75 postpaid.

Grass Edging Knives. With straight handles, English, \$2.50; Domestic, with straight handles, \$1.25, or fitted with a "D" shaped handle \$1.50.

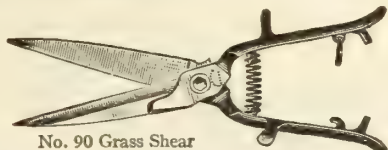
Grass Hooks or Sickles. *Harrison Sickle.* Possibly the finest English grasshook made; of riveted back construction \$1.35.

Fraser's English. Riveted back. The blade is of rather thin steel, reinforced along its back with heavier metal; No. 2, 80c; No. 3, 90c; No. 4, \$1.00. Solid steel blade, 70c.

Little Giant. One of the better known quality sickles of domestic manufacture, 70c.

Dreer Sickle. A light-weight, narrow bladed sickle of excellent quality, 50c. *If Sickles are wanted by parcel post add 15 cents to the price of each tool.*

Scythes and Snaths, see page 189.



No. 90 Grass Shear

Shears. *Grass, No. 90.* Blades are of razor steel, 5½ inches in length. The handles, which have been designed to fit the contour of the hand, are of malleable iron, neatly japanned, \$1.00 per pair, postpaid.

Grass or Sheep Shears, Domestic. 5½-inch \$1.10; 7-inch \$1.25. *Imported English, Sheffield Steel,* 5½-inch \$1.75; 7-inch \$2.50. *Imported German,* 5½-inch \$1.50. (Grass Shear prices are postpaid.)



Border Shear

Shears, Border, for trimming the overhanging grass along walks and bordering the garden. Without wheel; domestic, 10-inch blades \$4.00; imported \$6.50.

Border Shears. With wheel, domestic, 10-inch blades \$4.50; imported \$6.75.

Lawn Shears. With two wheels. The blades lie flat against the ground; for cutting grass beneath trees and under fences. Domestic \$4.00; imported \$6.00.



Lawn Shear

Rollers, Water Ballast.

A very easy running roller. The rounded edges prevent tearing of the sod. The special feature of this roller is that it can be adjusted to varying weights with water.



Water Ballast Roller

No. 601. Diam. 14 in., width, 23 in., empty, 60 lbs. filled, 250 pounds.....	\$14 00
No. 602. Diam., 18 in., width, 23 in., empty, 75 lbs.; filled, 330 pounds.....	16 00
No. 603. Diam., 23 in., width, 23 in., empty, 100 lbs.; filled, 440 pounds.....	18 00

No. 604. Diam., 24 in., width 32 in., empty, 115 lbs.; filled, 590 pounds..... 20 00



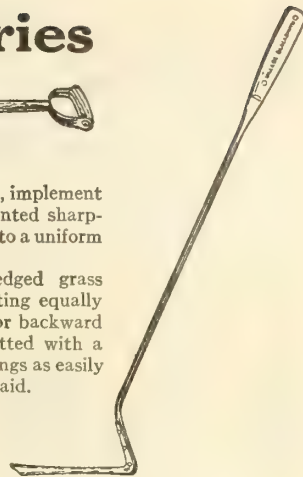
Sod Lifter

Sod Lifters or turfing spades, implement for removing sod. The pointed sharpened blade cuts rapidly and to a uniform thickness. \$8.00 each.

Graswip. A clever two-edged grass and weed cutting tool, cutting equally well on either the forward or backward swing. Nicely balanced, fitted with a 36-inch steel handle and swings as easily as a golf club. \$1.25, postpaid.



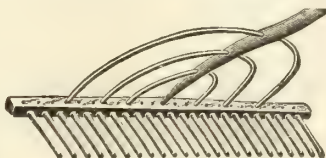
Planet Jr. No. 210
Fertilizer Distributor



Graswip

Planet Jr. No. 210 Fertilizer Distributor

By the proper use of the various fertilizers offered in the catalog a beautiful lawn is readily obtained. This Planet Jr. Fertilizer Spreader will assist materially in properly applying such plant food, and will do this work much easier and quicker than by any other method. Adjustable feed allows for small or liberal application. The spreader is 14 inches wide and holds from 25 to 30 pounds of fertilizer. \$5.50.



Ames Rake

Rakes for the Lawn

Ames. Wood with 3 steel reinforcing bows. 24 teeth \$1.35.

Automatic. Self-cleaning; wood; 26 teeth \$1.75; 38 teeth \$2.50.

Baillie Lawn Rake. This tool, fitted with 24 teeth, made from flat spring steel, is so well constructed and of such superior material that we believe it to be the best lawn rake available. \$1.85.

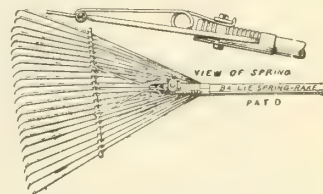
Bamboo Broom Rake. Will sweep the lawn of even the finer particles. Very light in weight, fitted with polished hard wood handles, 18-inch head 75c; 24-inch head \$1.00.

Gumfinger Lawn Rake. The teeth are of flexible durable rubber that adjust themselves to ground irregularities. Rakes clean over rough, uneven surfaces. Will not uproot nor tear the grass, neither can the teeth become clogged. 16-inch \$1.00; 20-inch \$1.25; 24-inch \$1.50.

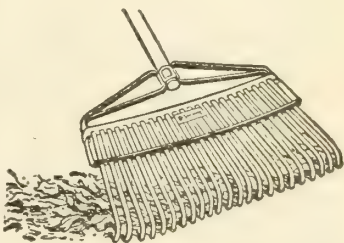
Lawncomb. This rake is made with flat steel teeth and a one-piece steel frame. Combs the lawn of the smallest particles. Fitted with an 18-inch head \$1.15; with a 24-inch head \$1.50.

Wire Lawn or Grass Rake. Has curved teeth. Heavily galvanized, 24 teeth \$1.00; 36 teeth \$1.25.

Steel Garden Rakes are listed on page 189.



Baillie Lawn Rake, Upper View
Shows Spring Construction



Lawn Comb

GARDEN REQUISITES



Asparagus Knife

Asparagus Bunchers. Philadelphia No. 1, makes 3 to 3½-inch bunch. No. 2, makes 4 to 5½-inch bunch. Either size \$3.75.



Philadelphia Asparagus Buncher

Asparagus Knife. Total length 14 inches, 50c, postpaid.
Asparagus Tape. A good, strong cotton tape ¾ inch wide, 250 yard spools, green only, \$1.50 postpaid; 1000 yard spools, red or green, per spool, \$3.50, postpaid.



STRAW BIRD HOUSES

Straw Bird Houses and Bird Feeding Stations. Attractive garden ornaments that shed water while

admitting plenty of air. Straw being a natural nesting material results in these houses being promptly accepted by many sorts of birds. No. 130 Blue Bird House \$2.00; No. 160 Wren House \$1.75; No. 150 Robin Rest \$2.25. Complete circular sent on request.

Bulb Planter. The "hole in one" bulb planting tool removes the soil and makes a perfect planting hole for practically all sorts of bulbs in one easy operation. 60c postpaid.

In selling bulbs such as Gladiolus in the perennial border this tool or the Senior Model mentioned below will be found extremely satisfactory.

Bulb Planter, Senior Model is used from a standing position, has an adjustable feature that accurately controls various planting depths. \$4.25 postpaid.

Cultivator, Norcross.

A light weight, efficient tool, for either deep or shallow cultivation. Fitted with a four foot polished hardwood handle, 85c, \$1.05 postpaid.

With 5 cultivating prongs \$1.25, \$1.50, postpaid.



Norcross Cultivator



Cultivator and Weeder

Cultivator and Weeder Planet Jr. Star Pulverizer. Very effective for working the flower garden. Permits cultivation where the plants are close. Fitted with a 4 foot handle; width of cultivation 7½ inches, \$2.85.

Cultures or Inoculation for Legumes.

Legumes, such as garden Peas, Sweet Peas, Lima Beans, Clovers, etc., will, when inoculated with the proper bacteria, show quite an increase in the nitrogen bearing nodules upon their roots. This greatly benefits the crop upon which it appears and future plantings as well.

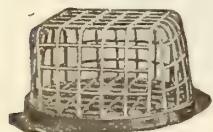
Garden size, for *Sweet Peas*, *Garden Peas*, *Lima* and *Bush Beans*, 30c postpaid. *Lupine* inoculation, 50c postpaid. Cultures are also available for *Alfalfa*, all of the *Clovers*, etc., and will be quoted upon request.

Dibbles. Useful in setting seedling plants in their permanent beds. Iron point, wood handle, 85c postpaid; brass point, wood handle, \$1.10 postpaid. Medium size dibble, made entirely of brass, 85c postpaid.

Fertilizers. See page 196. **Flower Pots.** See page 193.

Flower Holders. When arranging flowers and foliage in bowls or other shallow containers our flower holder permits of the most graceful effect since the stems may be placed at any angle. Made of metal that will not rust nor corrode. Will not tilt nor upset. Green Lacquer, Bronze, Silver Plate, Gold Plate, and Black Enamel Finishes. Postpaid

No. 1, 5½-inch diam., ¾-inch mesh.. \$1 25
No. 2, 4 -inch diam., ¾-inch mesh.. 1 00
No. 3, 3½-inch diam., ¾-inch mesh.. 75
No. 4, 2½-inch diam., ¾-inch mesh.. 60



Flower Holder



Hand Weeding Fork

Forks.

Hand Weeding Fork. A strong, serviceable tool, 50c; with 4 foot handle 75c.

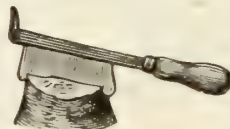
Manure Fork. D handle \$1.75; with extra heavy tines \$2.50.

Spading Fork. 4 flat, pointed steel tines, \$1.75; 5 tines \$2.25; boys' \$1.00.

English Digging Fork. Four pointed solid steel, square tines. An exceptionally fine tool \$2.75.

Gloves, Easy Wear Garden. Light weight, all leather that is soft and pliable. Will be found entirely satisfactory for any purpose, excepting where very heavy thorns are to be handled. In ordering specify for men, or for women. Per pair, 75c postpaid.

Heavy, Thornproof Gloves to protect against briars, etc., with heavy gauntlets, sizes 8½ to 11½ inclusive, \$2.00.



Grafting Chisel

Grafting Knife and Chisel. Cutting blade 3½ inches long, \$1.75 postpaid.

Grafting Wax. One quarter pound 25c; 1 pound 55c.

Grape Bags. The Dreer Grape Bag will withstand practically any weather condition throughout an entire season. Fruit should be bagged when it has attained the size of a pea, first spraying as an added protection against blight and fungus. Wired complete ready for use, 100 for 60c postpaid; 1000 for \$5.25 postpaid.



Wired Grape Bag

Hanging Baskets.

Wire, painted green.

8-in. 25c each; \$2.50 doz.

10-in. 30c each; \$3.00 doz.

12-in. 45c each; \$4.50 doz.

15-in. 60c each; \$6.50 doz.

Wire, galvanized. 8-in. 30c; 10-in. 40c; 12-in. 60c; 14-in. 70c; 16-in. \$1.00 each.



Wire Hanging Basket

Hose, Rubber. Each brand of garden hose offered below has been chosen because of its exceptional construction and will give length of service well beyond that to be had from the average hose.

"*Spring Garden*," ½ inch, 12c per foot.

"*Riverton*," ¾ inch, 15c per foot.

"*Electric*," ¾ inch, 20c per foot.

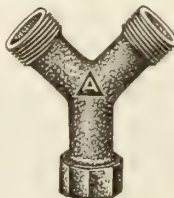
"*U. S. Royal Cord*," ¾ inch, 17½c per foot.

Flaring Rose Hose Nozzle. Has five rows of fine perforations across the face giving a fan-shaped spray. Excellent for watering lawn or garden. 75c postpaid.



Flaring Rose Hose Nozzle

Hose Nozzle Holder. A device constructed of heavy wire and well galvanized to prevent rusting. Used just as shown in the illustration. 25c postpaid.



Siamese Connection

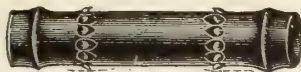
Siamese Connection. Permits the use of two lines of hose from a single outlet. \$1.25 postpaid.



Hose Nozzle Holder



Perfection
Hose Mender



Cooper Hose Mender

Hose Menders. Leaks and breaks in the garden or greenhouse hose can be easily remedied with either of the two hose menders pictured. Cooper hose mender 10c each; \$1.00 per doz. Perfection hose mender 10c each; \$1.00 per doz., postpaid. In ordering menders mention size of your hose.

Hose Couplings. Solid brass 20c per pair postpaid.

Perfect Clinching Hose Coupling. A self-fastening coupling that does not require hands, bolts, or wire. Can't pull off. For $\frac{1}{4}$, $\frac{3}{8}$, or $\frac{1}{2}$ -inch hose, 30c per pair postpaid.

Rain King Coupler. Fits any regulation hose coupling. Snaps together and apart instantly. 50c per pair postpaid.



Rain King Coupler

Hose Clamps, for attaching couplings to hose, $\frac{1}{4}$ in., $\frac{3}{8}$ in., or $\frac{1}{2}$ in. Galvanized 4c each; 35c per dozen; Brass 5c each; 50c per doz.



Rain King Sprinkler



Big Circle Lawn Sprinkler

Sprinklers, Lawn. We are listing but four of the many varieties that we carry in stock. Complete list upon request.

Rain King. The Rain King is different from any other sprinkler. Revolving or stationary spray—coarse or fine, fast or slow. Sturdy and simple in design. Covers an area 8 to 50 feet in diameter, \$2.00 postpaid.

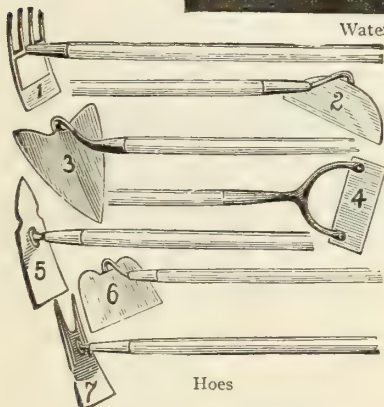
The Improved Rain King. "The A-1," \$3.00.

Big Circle Sprinkler. For large lawns and golf courses. Covers an area of 125 feet in diameter and delivers up to 40 gallons of water per minute, \$12.75.

Waterfan. A real rain making machine distributing water from 17 nozzles over a rectangular area 40 by 45 feet. \$15.00.



Waterfan



Hoes



Potato Hoe or
Manure Drag

Hoes

Rake and Hoe (Fig. 1), 4 teeth \$1.00; 6 teeth \$1.10.

Half Moon (Fig. 2), 4-in. 95c; 5-in. \$1.00; 6-in. \$1.05; 7-in. \$1.10.

Warren Hoe (Fig. 3), for furrowing, hoeing, cultivating, etc.; 7-in. \$1.25; Baby Warren Hoe, 4-in. blade \$1.00.

Scuffle Hoe (Fig. 4), stamped steel; 6-in. \$1.00.

Scuffle Hoe, forged steel, 4-in. \$1.25; 6-in. \$1.35.

Weeding Hoe (Fig. 5), 1 point, 75c; 2 points (Fig. 7), 85c.

Square Hoe (Fig. 6), 6-in. \$1.00; 7-in. \$1.05; 8-in. \$1.10.

Potato Hoe (Fig. 8), or Manure Drag, 4 tines, \$1.50.

GARDEN REQUISITES



Germaco

Hotkaps

New Method of
Plant Protection

Hotkaps. A scientifically constructed wax paper cone that you place over each plant permitting the setting out of seedling plants several weeks earlier than is ordinarily possible. These miniature hothouses will protect your plants from frost, wind, rain, insects, and ground crusting. 50 Hotkaps \$1.00; 100 Hotkaps \$1.75. 100 Hotkaps with a special garden setter and tamer \$2.50; 250 Hotkaps with a special garden setter and tamer \$3.75. Standard package of 1000 Hotkaps \$10.25.

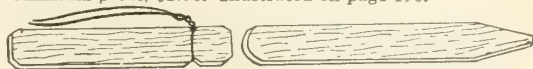
Hotkap Setters. Special Setter, suitable for the backyard garden 50c; Steel Setter \$2.25.

Hotbed Mats. Frostproof Burlap, 40 x 76 in., \$1.75. Double mat, 76 x 76 in. \$2.50.

One side waterproof, one side Burlap, 40 x 76 in. \$2.50. Double mat, 76 x 76 in. \$4.50.

Hotbed Sash. Made of $1\frac{1}{2}$ -inch Cypress throughout. 3 x 6 ft. Unglazed, not painted, \$3.75. Glazed and painted \$7.50.

Hotbed Thermometers. Frame is of hardwood, with a cast aluminum point, \$2.50. Illustrated on page 190.



Wired

Pointed Pot

Plant Labels. Wood, pointed, for pot and garden plants.

Size	100	1000	Size	100	1000
4 x $\frac{3}{8}$ in.	\$0 30	\$2 10	8 x $\frac{3}{8}$ in.	\$0 75	\$5 50
4 $\frac{1}{2}$ x $\frac{3}{8}$ in.	35	2 25	10 x $\frac{3}{8}$ in.	65	5 00
5 x $\frac{3}{8}$ in.	40	2 35	10 x $\frac{1}{2}$ in.	85	6 50
6 x $\frac{3}{8}$ in.	45	2 50	12 x $1\frac{1}{4}$ in.	1 35	10 00

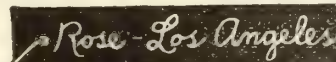
Wired, Wood, $3\frac{1}{2}$ x $\frac{3}{8}$ inches, for trees, shrubs, dahlias and similar plants, 40c per 100; \$2.75 per 1000.

NOTE—If labels are to be sent by Parcel

Post add 10c per 100 and 35c per 1000.

Copper or Zinc, wired for attaching to shrubs, trees, etc., $3\frac{1}{2}$ in., marking is done with a stylus, furnished free with each hundred. 25c per doz.; \$1.50 per 100.

Simplex Plant Labels. Writing is protected by a transparent cover and will remain legible indefinitely. Fitted with wires for attaching to plants. No. 1, 3 x $\frac{1}{2}$ in. 50c per doz.; \$3.00 per 100.



Green
Weatherproof
Label

Green Weatherproof Plant Labels, are easily marked with a pointed steel stylus (supplied free with each 100 labels) which cuts through to the white base producing a beautiful effect of white lettering on a dark green background. Not conspicuous but distinct and permanent.

No. 31—3 x $\frac{1}{2}$ inches. \$2.50 per 100.

No. 32—4 x $\frac{1}{2}$ inches. 4.00 per 100.

No. 33—5 x 1 inches. 5.50 per 100.

Perfect Garden Label.

When marked with an ordinary pencil remains permanently legible in all sorts of weather. When placed in the garden the horizontal marking space is quite easily seen, yet at the same time the attractive blue gray color of the label blends with foliage and soil.

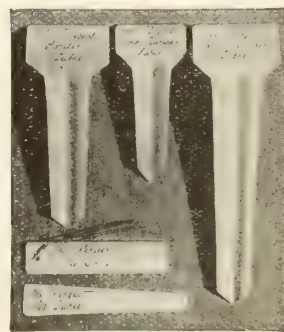
Border Size, 5 in. long for general garden use, \$1.00 per doz.; 25 for \$2.00; 100 for \$7.75.

Rock Garden Size, 4 in. long for small plants in the rock garden, 90c per doz.; 25 for \$1.75; 100 for \$6.75.

Show Garden Size, 7 in. long, a more conspicuous label for taller growing plants, \$1.25 per doz.; 25 for \$2.50; 95.50 per 100.

Tie on Label, $3\frac{1}{2}$ in. x $\frac{1}{4}$ in., for roses, shrubs, etc.; fitted with copper wire. \$3.00 per 100.

Pot label, 4 in. x $\frac{1}{2}$ in. for pots, seed frames, etc. \$2.50 per 100.



Label Pencils. Special rainproof, 10c each; \$1.00 per dozen.

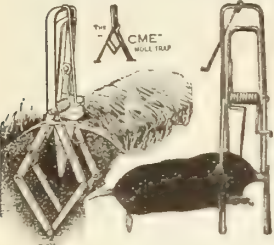
Label Ink. Weather proof for marking upon Simplex and other celluloid labels, 1 ounce bottle \$1.00.

Label Ink. For inscribing upon zinc labels only, per bottle 50c.

GARDEN REQUISITES

Kneeling Pads. 15 inches long, 8 inches wide, $\frac{9}{16}$ of an inch in thickness. Made of sponge rubber. The use of this pad will protect the clothing and prevent dampness from affecting the knees. 75c postpaid.

Knives, Horticultural. We have a selection of the finest quality Budding, Propagating, and Pruning knives, both Domestic and Foreign. A descriptive list and illustrations will be sent upon request.



Mole Traps. Traps are set above newly made burrows, the movement of the rodent beneath releasing the mechanism that results in the capture of the mole. When the Reddick trap is sprung pointed spears are driven through the body of the mole.

Acme, as illustrated, \$2.00; Reddick \$1.25.

Moss, Imported Peat. Practically all soils, whether sandy or clayey, are materially improved through the addition of Imported Peat. 25 lbs. \$1.00; 50 lbs. \$1.50. Per bale, sufficient to cover 250 square feet one inch deep, \$3.00; five bales \$13.50; ten bales \$25.00.

Mulch Paper. A durable paper impregnated with asphalt. May be used upon the soil in the garden for the purpose of discouraging weed growth, and for conservation of soil moisture. Type "A" for annuals in 300 yard rolls, Type "B" for perennials or biennials, in 150 yard rolls. Either type in 18-inch wide rolls \$3.00.

Trial package, containing 15 yards of type "B" paper, 50c postpaid. Descriptive booklet upon request.

Nails, Wall. For supporting climbing vines. Fitted with a soft metal extension which clasps the vine to wall. 1-inch 35c doz.; \$2.50 per 100; 1½-inch 50c doz.; \$3.25 per 100; 2-inch 65c doz.; \$4.00 per 100.

Paper. Wax for protecting cut flowers 24 x 36 in., white, 24 sheets, 25c; green 30c. Per ream 500 sheets, white \$3.00; green \$3.25.



Iron Pot Bracket



Steel Pot Bracket

Pot Brackets. Iron, single arm, with one pot receptacle, 65c; single arm, with two pot receptacles, 80c postpaid.

Steel pot brackets, for 5-in. pots, 70c; 6-in. pots 85c; 7-in. pots \$1.00 postpaid.

Either of the two types of brackets swing freely to any point over the radius of a half circle.

Pot Hangers. Made of coppered wire for 5, 6, 7 or 8-in. pots. 6c each; 60c per doz. postpaid.



Wall Nails



Pot Hanger

Rakes, Garden. Level Head Rake, steel, 10 teeth 90c; 12 teeth 95c; 14 teeth \$1.00; 16 teeth \$1.05.

Bow Steel, teeth slightly curved, 12 teeth \$1.10; 14 teeth \$1.15; 16 teeth \$1.25.

Lawn Rakes. See page 186.

Saucers. Earthenware, Rubber, and Wood Fiber. See page 193.

Scythes. Fraser's English. Riveted back, 30 and 32 inch \$3.00; 34 and 36 inch \$3.25.

Little Giant Scythes. 28, 30, or 32 inch blades \$2.25 each.

Heavy Bush Scythes, \$2.50 each.

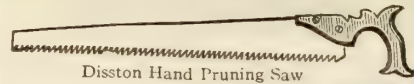
Scythe Stone. English Talacre 35c; Darby 30c; Carborundum 40c.

Scythe Snath or Handle, \$2.00.

Sickles. See Grass Hooks, page 186.

Sieves. 18 inch diameter, 1 inch, $\frac{1}{2}$, $\frac{1}{4}$, and $\frac{1}{8}$ inch mesh \$1.50 each. 12 inch diameter, $\frac{1}{2}$ inch mesh only, \$1.25.

Saws, Disston Hand Pruning. 14-inch \$1.25; 16-inch \$1.35; 18-inch \$1.50; 20-inch \$1.75.



Disston Hand Pruning Saw

California Pattern Saw. 14-inch curved blade \$1.25.



California Pattern Saw



Pacific Coast Type Saw

Pacific Coast Type Saw. \$2.25; extra blades 30c each.

Disston Saw D-27. Has a stiff, narrow blade, similar to a hand saw, a hornless handle and long, needle-point, special-shaped teeth. Blade 6 inches wide at the butt, 1½ at the point, 26 inches long. A superior saw in every respect, \$3.00.



Disston's Saw D-27

Pruning Compound. An antiseptic, durable, and elastic dressing recommended for use on pruning wounds and cavities in trees. 1 quart 75c; 1 gallon \$2.25.

Shears, Tree Pruning. H. K. P. Forester, is a tremendously powerful and ruggedly built tool that will serve for a life time. All parts heat treated and fully interchangeable. Possibly the finest two-hand wood cutting tool available.

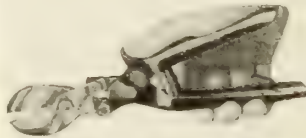


H. K. P. Forester

No. 1.	Capacity 1½ in.	20 in. long	\$4.25.
No. 2.	" 1½ "	" 27 "	5.50.
No. 3.	" 2 "	" 34 "	7.00.

Compound Lever, Pole Pruner. 10 ft. \$4.50; 12 ft. \$5.00; 14 ft. \$5.50.

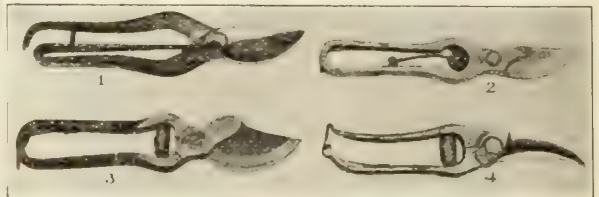
Waters, Pole Pruner. The type used by telegraph and telephone linemen. Supplied complete with poles. 8 ft. \$2.25; 10 ft. \$2.50; 12 ft. \$2.75; 14 ft. \$3.00.



Clean Cut Pruning Shear

for moderately heavy work. \$1.50 per pair postpaid.

Shears, "Clean Cut" Pruning. The compound lever action upon the twin cutting blades obtained in this shear combined with its lightness in weight makes it the ideal tool for ladies' use. Sufficiently rugged



Shears, Hand Pruning. 6-inch, nickel plated, for ladies \$1.50.

Dreer's Special. A first quality pruning shear, 9-inch. (No. 3 in illustration) \$2.00 postpaid.

Perfection. Blades, handles, and spring forged from a single piece of steel. A shear for the more difficult work. (No. 1 in illustration) \$4.00 postpaid.

Wiss. 9-inch, heavy. This shear is recommended particularly for heavy work \$3.50 postpaid.

French. Wheel spring (No. 2 in illustration) 7-inch \$2.50; 8-inch \$2.75; 8½-inch \$3.00; 10-inch \$3.25 postpaid.

French. Hand forged, hand made; an exceptional shear for careful pruning, 8-inch \$4.00; 8½-inch \$4.50 postpaid.

Double Cut or Dahlia Shear. Made especially for rugged work; the curved, pointed, double cutting blades make this tool especially valuable for the separation of Dahlia tubers, etc. 9-inch (No. 4 in illustration) \$4.00 postpaid.

GARDEN REQUISITES

Pruning Shear,

Atkins No. 100. Offers an entirely new principle in pruning shear construction. For ease of operation it is unequalled, and a clean, distinct cut is invariably obtained and without bruising the surrounding wood. Per pair \$2.00.



No. 100
Pruning Shear

Hedge Shears, American. The finest quality hedge shear of domestic manufacture to be obtained. 6-inch \$1.50; 9-inch \$2.50; 10-inch \$3.00; 12-inch \$3.50.

Wilkinson's English. The Wilkinson is conceded to be the best of the foreign-made tools. 8-inch \$3.00; 9-inch \$3.50; 10-inch \$4.00; 12-inch \$4.50.

Yeakle. The Yeakle Shear is of the same appearance as the ordinary hedge shear excepting that the blades, which are hand forged and oil tempered, are fitted with a spring tension that keeps them in position on the heaviest work; the finest hedge shear obtainable. \$5.50 per pair.

Hedge Trimmer and Pruner, Simplicity. Two way hedge trimmers, the blades cutting both with the opening and closing of the handles. Light in weight, requiring but little effort to operate. *Made by Disston.* Simplicity Trimmer for new growth only, \$3.50; Pruner and Trimmer, for old as well as new growth, \$4.50.

Spades, D-Handle. Polished blades \$2.00; small spades for ladies' use, either short or long handles, \$1.50.

Burbank Spade. Narrow blade, rounded point, \$2.50.

Nursery Spade. Handle is reinforced its entire length, both front and back with steel straps, \$3.00.

Spraying and Dusting Equipment. See page 192.

Sun Dials. Cast bronze, beautifully finished, 10-inch diameter \$5.00; 11-inch diameter \$7.50; 12½-inch diameter \$12.00.

A descriptive circular of sun dials and pedestals will be sent on request.

Thermometers. We carry but one grade of thermometers, the best and most accurate procurable. Safe delivery guaranteed.

Greenhouse. Tin case, Japanned. 8-in. \$1.75.

Greenhouse. Copper case, 12-in. \$2.50.

Self Registering. Indicates maximum and minimum degrees of temperature. Polished brass case \$5.50.

Hotbed or Mushroom. Frame is of hardwood, point cast Aluminum \$2.50.

Churn or Dairy. Glass, also suitable as a soil thermometer \$1.00.

Torches. For burning caterpillars' nests, asbestos, 40c; 50c postpaid.

Trowels, American. A reasonably good serviceable tool. 6-inch 25c.

Dreer Trowel. The trowel most liked by professionals. The blade is flat and unusually strong, and is ideal for bulb planting 80c.

English Pattern. Blade and shank forged from one piece of high-grade steel. 5-inch 70c; 6-inch 75c; 7-inch 80c.

Steel Shank. Blade and shank forged from a single piece of high-grade steel, blade polished and tempered 75c.

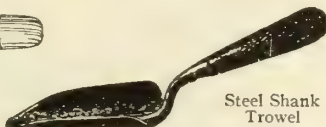
Transplanting. Hoe shaped. Useful where considerable transplanting is necessary 75c.

Transplanting. Narrow steel blade 30c.

Add 10c to the price of trowels to cover postage.



Dreer Trowel



Steel Shank
Trowel



Transplanting Trowel



English Pattern Steel Trowel

Scissors. *Acme Flower Gathering.* So designed that they retain hold upon the flower stem after the bloom has been cut which greatly facilitates the gathering of cut flowers. 75c per pair, postpaid.



"ACME"
FLOWER SHEAR.
FOR CUTTING
SHIPS and GRIPS FLOWERS

The Wilt-Less Flower Cutter. The only correct flower cutting device making a clean slicing cut at the proper angle. The very thin blade retains its keen edge after cutting over 5000 roses—and with no crushing of the stem. Makes cut flowers last considerably longer. Chromium plated with extra cutting blade, De Luxe model, by mail \$2.00 postpaid.

Watering Cans. The English and French type of watering cans are hand made of exceptionally heavy non-rusting metal. The spouts are extremely long and each can is supplied with two roses, one having fine perforations for the watering of seed and seedlings, and the other with more coarse openings for general work.

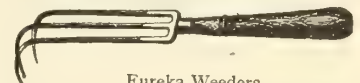
The light round cans are furnished with but a single rose having coarse openings.

	Light Round	English Pattern Heavy Round	French Pattern Heavy Oval
4 qt. . .	—	\$4 25	—
6 qt. . .	\$0 80	4 50	\$5 25
8 qt. . .	85	5 25	5 50
10 qt. . .	95	5 50	5 75
12 qt. . .	1 15	6 00	6 25
16 qt. . .	1 50	6 50	6 50

Window Garden Watering Can. Made of copper with a handle of brass. Spout is of seamless copper tubing. Capacity 1½ quarts \$1.50 postpaid.

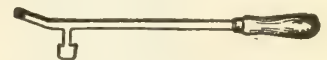


Window Garden Watering Can



Eureka Weeders

Weeders. *Eureka* 50c; postpaid 60c; with 2-foot handle 65c; postpaid 75c; 4-ft handle 75c; postpaid 90c.



Dandelion and Plantain Extractor

Dandelion and Plantain Extractor. A most practical and efficient weeder, 25 inches long, \$1.25; \$1.40 postpaid.

Cleveland Lawn Weeder. \$1.25; \$1.50 postpaid.

Excelsior Weeder. Claw is made of malleable iron galvanized to prevent rusting. 15c each; 25c postpaid.



Excelsior Weeder



Hazeltine Weeder

Hazeltine or Beet Weeder. A very useful tool for weeding beets, radishes, carrots and similar vegetables that are drilled in rows. 40c each; 50c postpaid.

Magic Weeder. The fingers are made of tempered wire, flattened out upon the points. A device permits drawing the fingers as closely together as may be desired. 35c each; 45c postpaid.



Magic Weeder

Plant Supports and Tying Material

Stakes. Bamboo, Dyed Green. Very fine for staking Delphinium, hardy Chrysanthemum, Gladiolus, etc.

Length	Doz.	100	1000	Length	Doz.	100	1000
18 in.	\$0 10	\$0 35	\$2 50	48 in.	\$0 25	\$1 00	\$6 50
24 in.	12	40	3 00	60 in.	30	1 25	9 00
30 in.	15	50	3 75	72 in.	35	1 50	12 50
36 in.	20	60	4 50				

Bamboo, (Natural.) Heavy. Suitable for Dahlias and Roses.

	Each	Doz.	100
$\frac{3}{8}$ -inch diameter, 4 ft. long.	\$0 08	\$0 75	\$5 00
$\frac{1}{2}$ to $\frac{3}{4}$ -inch diameter, 6 ft. long.	10	1 00	6 50

Split Bamboo. A reasonably stiff support for pot grown plants, Hyacinths, Tulips, etc.

	100	1000
12-inch.	\$0 25	\$1 50
15-inch.	30	1 75
18-inch.	35	2 00
24-inch.	40	2 50

Wood Stakes. Tapering, painted green. Of medium weight, for supporting annuals and the less heavy perennials.

	Each	Doz.	100
$\frac{1}{2}$ ft.	\$0 03	\$0 25	\$1 85
2 ft.	05	45	3 25
2 $\frac{1}{2}$ ft.	06	65	4 75
3 ft.	09	85	6 25
4 ft.	12	1 25	9 00
5 ft.	15	1 50	11 50

Stakes. "Dennis" Square. No other plant stake offers so many possibilities. It is sufficiently strong to support the heaviest plant. Each stake is furnished complete with a piece of flexible rattan that may be laced through a series of holes, which are bored in the stake, for the purpose of enclosing the foliage of the plant to be supported. Or three or four stakes may be used to completely encircle a vigorously growing peony. Again a number of stakes may be placed in a continuous row, the rattan passing from stake to stake to form an ideal trellis for Sweet Peas.

	Dozen	100
$\frac{1}{2}$ -inch x 3 feet long.	\$1 00	\$7 50
$\frac{3}{4}$ -inch x 4 feet long.	1 25	9 50
$\frac{1}{2}$ -inch x 5 feet long.	1 50	11 50
$\frac{3}{4}$ -inch x 6 feet long.	1 75	13 50

Heavy Dahlia Stakes. Painted green. Possibly the strongest stake to be had.

	Each	Doz.	100
3 ft.	\$0 12	\$1 25	\$9 50
4 ft.	17	1 75	13 00
5 ft.	22	2 25	16 50
6 ft.	25	2 75	20 00

Tape. $\frac{5}{16}$ inch wide, dyed green, fine for tying up heavy plants, such as Dahlias. 250 yard spools \$1.50 postpaid; 1000 yard spools \$3.50 postpaid.

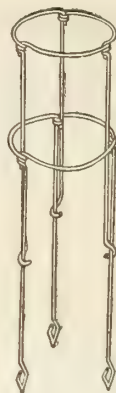
Bloom Support. The arms of this support are designed to stake the individual bloom of flowers such as Delphinium, Lilies, Chrysanthemum, etc., doing away with the bunched appearance that results where tape or twine is used. The arms are most adaptable, bend or slide them to any position and they remain put. 30-inch stake \$1.75 per doz 42-inch \$2.00 per dozen.

Bloom Support

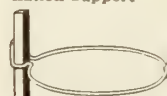
Timesaver Plant Supports. Supports are made of cold drawn steel, are pointed and looped. Each stake is complete with a galvanized wire sliding clip and twine for tying plant to be supported. In using this support the twine is looped about the plant then passed into the wire clip—no further tying being necessary.

No. 1—28-inch stake.	95c per doz.
No. 2—34-inch stake.	\$1.15 per doz.
No. 3—40-inch stake.	\$1.60 per doz.
No. 3A—46-inch stake.	\$2.20 per doz.

Timesaver Plant Support



Adjustable Carnation Support



Adjustable Plant Support



Model Peony or Tomato Trellis

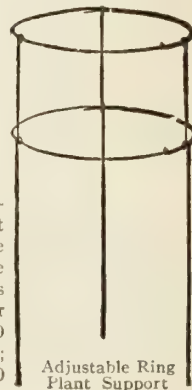
Adjustable Ring Plant Support.

A convenient device to use since it is practical to place it in position after the plant is quite mature. Rings may be adjusted to accommodate any plant having a diameter up to 20 inches, upright supports 34 inches in length. 35c each; \$3.50 per dozen.



Wire Plant Tie

Plant Tie. Lightening Wire Plant Tie takes the place of twine, can be used many times on either wire or wood stakes. 100 for 30c postpaid; 1,000 for \$2.50 postpaid.



Adjustable Ring Plant Support

Stakes, Galvanized Iron Wire.

$\frac{1}{8}$ -inch diameter.	Doz.	100	1000
2 ft.	\$0 20	\$1 15	\$8 50
3 ft.	30	1 75	12 00
4 ft.	40	2 25	16 00
5 ft.	55	2 75	20 00
6 ft.	70	3 00	22 50

Stake Fasteners. Generally used in the greenhouse for fastening cross wires to galvanized stakes. 500 for \$1.50; 1000 for \$2.75; postage 15c per 1000.



Carnation Supports, Adjustable. Extremely satisfactory in the flower garden for Snapdragons, Carnations, Pyrethrum, Petunias, etc.; being adjustable to a height of 24 inches; rings measure 7 inches in diameter. \$1.00 per doz.; \$6.50 per 100.

Adjusto Plant Support. Consists of a hardwood stake $\frac{1}{2}$ inch square together with a wire ring which may be adjusted to varying heights to conform with the growth of the plant.

	Each	Doz.
3 foot stake, 12 in. ring.	\$0 20	\$2 00
4 foot stake, 12 in. ring.	25	2 25

Certain plants such as Peonies or Tomatoes are best supported through using several rings to each stake. Additional rings 15c each; \$1.25 dozen.

Model Peony or Tomato Trellis. Of heavy galvanized wire, height adjustable to a maximum of 35 inches. Each ring measures 14 inches in diameter. 35c each; \$3.50 per dozen.

Raffia. This fiber, being tough and pliable, is unsurpassed for tying plants. Natural color, pound 40c; dyed green, pound 75c.

Raffia Tape. A strong tying tape, Nile green. 250 yard spool \$1.00 postpaid.

Tape. Cotton Fabric, $\frac{5}{16}$ inch wide, dyed green, an excellent tying medium particularly for heavy plants, such as Dahlias. 250 yard spool \$1.50 postpaid; 1000 yard spool \$3.50 postpaid.

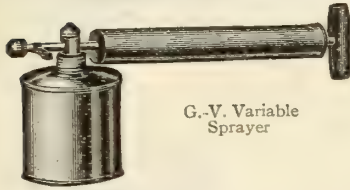
Twine. Cotton, Green, 10c per ball; pound (12 balls), 90c. Cotton, White, 3 ply, 10c per ball; pound (6 balls), 50c. Jute, 2 and 3 ply, 20c per ball; pound (2 balls), 35c. 5 ply Jute, in one pound balls 35c per ball.

Silkline. A strong green thread for stringing Smilax, Asparagus sprengeri, etc.; fine, medium, and coarse, 35c per spool; pound of 8 spools, \$2.50; \$2.65 postpaid.

Spraying and Dusting Equipment



French Hand Sprayer



G.-V. Variable Sprayer



Rubber Plant Sprinkler

Hand Sprayers.

Atomizer. Well made of heavy tin, single acting and throws a fine misty spray. Capacity 1 pint 35c postpaid; 1 quart 50c postpaid.

French Hand Sprayer. Quite the finest hand sprayer obtainable. Tank is made of copper and holds about two quarts. Will discharge an extremely fine mist or a long straight stream to a height of 10 to 12 feet. \$6.00 each, postpaid.

G.-V. Variable Sprayer. Of one quart capacity, fitted with a nozzle that will permit spraying with varying degrees of density, from a solid stream to the finest mist. An extremely satisfactory sprayer for applying lacquers. Tin \$1.00; Brass \$1.50, postpaid.

Rubber Sprinklers. Ideal for syringing and spraying house plants. 6 oz. straight or angular neck, 75c; 8 oz. \$1.00; 10 oz. \$1.15, postpaid.



Feeney Duster

The Feeney Duster. The best small hand duster for applying dry insecticides like "Pomo Green" either in the flower or vegetable garden. Fitted with a long spout permitting dusting close to the ground and on the under side of foliage without stooping. Model B, capacity about 1 pint, \$1.25 postpaid. Model D, capacity two quarts, \$3.25 postpaid.

The Green Hand Duster. Has a capacity up to 4 pounds. Constructed with a large powerful bellows, and is complete with a 30 inch extension tube and spreader. Light and compact, easy to operate, and will handle any of the dusts that can be used in larger outfits. \$7.00.

Barrel Spray Pump. Deming's "Century," the leader of all barrel pumps. It is proof against corrosion, as all working parts are of brass, and is so substantially constructed as to be practically exempt from breakage. Equipped with a universal iron base, adjustable to any size or depth of barrel, fitting the flat head or the curved side of a barrel. Sufficiently powerful to supply two lines of hose.

Pump complete (no barrel) with 12½ foot section of ½-inch hose and nozzle.....\$17.50

Complete, with barrel.. 26.00

The Century Barrel Pump can be readily adapted for easy transportation to various locations with the aid of a two wheeled truck frame. The barrel is either picked up or released by simply raising or lowering the truck handles. Cost of truck frame and pair of trunnions.....\$18.00

Spray Rods. The spraying of trees is facilitated through the use of extension rods, in fact it is practically impossible to properly spray without an extension. The rods we offer are of bamboo, lined with brass tubing and are fitted with a shut off cock; 12 ft.....\$7.50



Deming's "Century" Barrel Spray Pump



FULL 4 GALLON TANK
Compressed Air Sprayer

Compressed Air Sprayer No. 1. A four gallon compressed air sprayer. No tools required to take apart. Fitted complete with an automatic nozzle, a 2 foot extension rod, and a wide mouthed hard rubber funnel to facilitate filling the tank. Galvanized metal tank \$6.50. Brass tank \$9.50.

Compressed Air Sprayer No. 50. 2½ gallon capacity. In appearance and construction this sprayer is similar to the No. 1. Galvanized, \$5.00. Brass \$7.50.

Knapsack Sprayers, Deming. Constructed so as to be carried comfortably across the operator's back. The mechanism of this type pump develops higher pressures, with less effort, than is possible in other than much larger equipment. All working parts are readily accessible. Tank capacity 4 gallons. Equipment includes a 3 foot spray hose, an automatic shut off, extension rod, and spray nozzle. Brass tank \$20.00. Galvanized tank \$16.50.

Knapsack Sprayers, Vermorel Eclair. The best of the imported knapsack type sprayers. Brass tank, 5 gallon capacity, \$18.00.

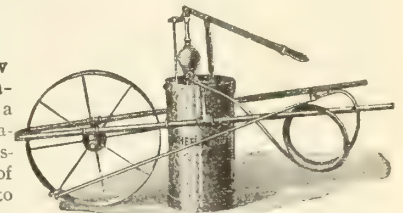


Perfect Success Bucket Pump

Bucket Spray Pump. Where limited amount of spraying has to be done, using the heavier spray solutions such as arsenate of lead, the "Perfect Success" Bucket Pump performs most satisfactorily. Will also spray whitewash or cold water paint. All working parts are brass. Fitted with four feet of hose and a Bordeaux nozzle, (bucket not included), \$8.00.

Additional extension rods of brass, 2 feet long to fit either of the above sprayers 65c.

Wheelbarrow Sprayer, Deming. Distinctly a "one-man" machine. Hose and discharge pipe are of sufficient length to spray young or low-growing fruit trees.

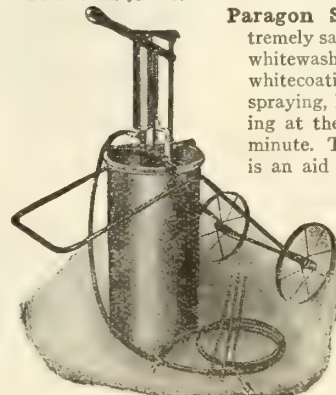


Wheelbarrow Sprayer

Pump has 1½-inch brass tube cylinder with adjustable strokes, brass plunger, ball valves, and valve seats. Tank holds 10 gallons, and is detachable from frame. Tank is made in brass or galvanized iron.

Ten feet of ¾-inch discharge hose with "Demorel" nozzle and 4-ft. spray pipe are included. With galvanized tank \$31.50. Brass tank \$37.50.

Paragon Sprayer No. 3. An extremely satisfactory machine for either whitewashing, cold water painting, whitecoating the greenhouse glass, or spraying, having a capacity for covering at the rate of 100 square feet a minute. The narrowness of this outfit is an aid in greenhouse spraying because of the ease with which it can be moved up and down the aisles and around the benches. Equipped with a 12 gal. tank mounted on a truck, three 2½ ft. extension pipes, 2 nozzles and 10 ft. of hose, \$22.00,



No. 3 Paragon Sprayer

POTS, PANS, TUBS, AND FLATS

Standard Earthenware Flower Pots

Full inside measurement. No charge for packing. Six at dozen rates; 50 at 100 rates; 500 at 1000 rates. Flower Pots and Bulb Pans cannot be sent by mail, but only by express or freight at customer's expense.

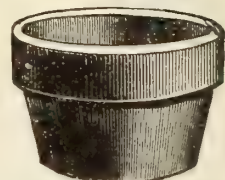
Sizes	Each	Doz.	100	1000	Sizes	Each	Doz.	100	1000
1 in., 1½ in., or 1¾ in.	\$0 02	\$0 20	\$1 35	\$12 00	5 inch.	\$0 10	\$ 75	\$5 95	\$54 00
2 "	03	25	1 40	12 25	6 "	12	1 20	8 90	81 00
2½ "	04	30	1 45	12 75	7 "	20	2 00	13 50	
3 "	05	35	1 65	15 00	8 "	25	2 75	19 50	
3½ "	06	40	2 15	19 50	9 "	35	4 00	30 00	
4 "	06	45	2 65	24 00	10 "	50	5 50	40 50	
	07	50	3 30	30 00	12 "	1 00	11 00	82 50	
					14 "	1 50	17 50	135 00	



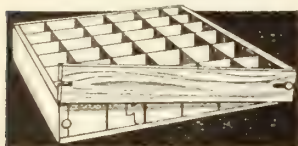
Flower Pot

Earthenware Round Bulb or Lily Pans

Width	Depth	Each	Doz.	100	Width	Depth	Each	Doz.	100
6 in.	4 in.	\$0 12	\$1 20	\$8 90	10 in.	4½ in.	\$0 50	\$5 50	\$40 50
7 "	4½ "	20	2 00	13 50	12 "	4½ "	1 00	11 00	82 50
8 "	4½ "	25	2 75	19 50	14 "	6½ "	1 50	17 50	135 00
9 "	4½ "	35	4 00	30 00					



Round Bulb or Lily Pan



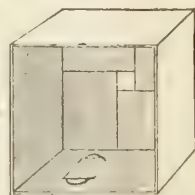
Garden Flat

Garden Flats are a decided convenience to any one growing plants, flowers or vegetables, from seed.

Made of choice lumber and so designed that the front is removable, this permitting sliding out the pots without breaking up the soil or disturbing the roots.

The illustration pictures the No. 1 flat fitted with 36, 2 inch square, Kraft Paper Board Pots. These pots are made with bottoms and may be put into the ground by merely unlocking the bottom leaving the roots undisturbed.

The 2 inch pots are suitable for most flowering plants and smaller vegetables, the 3 inch pots for tomatoes, eggplant, cabbage, etc.



Kraft Board Pots

No. 1 Garden Flat with 36, 2-inch pots each 90c; ½ doz. \$4.00.

No. 2 Garden Flat with 16, 3-inch pots each 80c; ½ doz. \$3.75.

Kraft Board Pots sold separately if desired.

2-inch—100 for 85c; 1000 for \$7.00.

3-inch—100 for \$1.25; 1000 for \$10.00.

Neponset Black Waterproof Paper Flower Pots

Made of a tough, specially treated paper and retains moisture very satisfactorily. Testing under actual growing conditions has proved that this container may be used successfully when seedling plants are grown therein *over the full growing period*. Send for circular and sample.

Sizes	Each	Doz.	100	1000
2 in. pots.	\$0 15	\$0 60	\$5 25	
2½ " " "	18	65	5 50	
2¾ " " "	20	75	6 25	
3 " " "	22	1 00	7 50	
3½ " " "	25	1 15	9 00	
4 " " "	30	1 40	11 50	
5 " " "	35	1 85	15 50	
6 " " "	45	2 25	18 00	

Earthenware Flower Pot Saucers

Sizes	Each	Doz.	100
4 in.	\$0 03	\$0 35	\$2 25
5 "	04	45	3 00
6 "	06	65	4 50
7 "	09	95	6 75
8 "	12	1 20	9 50
9 "	18	1 80	12 50
10 "	25	2 50	20 00
12 "	40	4 00	30 00
14 "	50	5 00	40 00

Rubber Flower Pot Saucers

Neat in appearance, waterproof. The sizes listed indicate the size standard flower pot each saucer will accommodate.

Sizes	Each	Doz.
4 in.	\$0 15	\$1 50
5 "	20	2 00
6 "	25	2 50
7 "	30	3 00
8 "	35	4 00
9 "	45	5 00
10 "	70	7 50
12 "	85	9 00



Riverton Tub

Additional handles for Riverton tubs can be supplied at 25c per pair.



Heavy Tree and Plant Tub

Riverton Special Cedar Plant Tub

Manufactured for us Exclusively

This tub is unquestionably the neatest plant tub obtainable. Its adoption as the Dreer standard was the result of countless experiments at our Nursery. Comparisons will show the Riverton tub to be at least one inch deeper than others being offered. Made of cedar, with electrically welded hoops, painted green. The four largest sizes are supplied with drop handles.

	Outside Diam. in.	Inside Diam. in.	Length of Stave in.	Each	Dozen
No. 70	8½	8	10	\$0 60	\$7 00
No. 60	10½	10	11	75	8 50
No. 50	12½	12	13	1 10	13 00
No. 40	15	14	15	1 65	19 00
No. 30	17	16	17	2 00	23 00
No. 20	19½	18	19	2 75	32 00
No. 10	21½	20	20	3 75	44 00

Heavy Tree and Plant Tub

Made of white cedar, painted green, and bound with extra heavy iron hoops; drop handles and iron feet supplied with all sizes. Removable bottom.

	Outside Diam. in.	Inside Diam. in.	Length of Stave in.	Each
No. 8	12	10½	9½	\$3 50
No. 7	13	11½	10	4 00
No. 6	14	12½	12	4 50
No. 5	16	14½	14	5 50
No. 4	18	16½	16	6 25
No. 3	21	18½	18	7 25
No. 2	23	21	20	9 25
No. 1	25	23	21½	10 25
No. 0	27	25	24	11 25

Wood Fiber Saucers

Sizes	Each	Doz.
Extremely neat in appearance, finished in mahogany brown.		
8-inch diameter.	\$0 75	\$7 50
10 " " "	90	9 00
12 " " "	1 00	11 00
14 " " "	1 40	15 50
16 " " "	1 75	19 00
18 " " "	2 00	22 00

Square Seed Pans Earthenware

Sizes	Each	Doz.
6 x 6 in.	\$0 85	\$9 00
8 x 8 "	1 25	12 50
10 x 10 "	1 50	15 00
12 x 12 "	1 75	17 50

WHEEL HOES, CULTIVATORS, AND SEEDERS

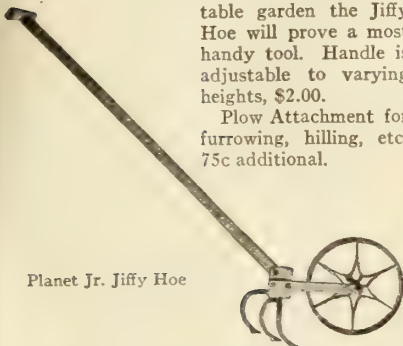
Send for a Planet Jr. Catalogue. It is possible to list only a few of these tools here since the line includes a very complete assortment of hand and horse tools, both for one and two horses.

Planet Jr. Jiffy Hoe.

For the small vegetable garden the Jiffy Hoe will prove a most handy tool. Handle is adjustable to varying heights, \$2.00.

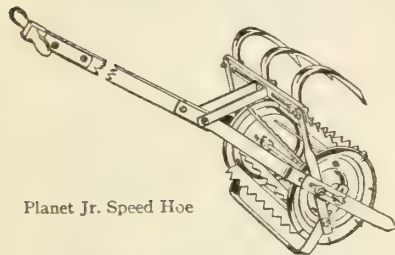
Plow Attachment for furrowing, hilling, etc. 75c additional.

Planet Jr. Jiffy Hoe



Planet Jr. Speed Hoe. Weeds, mulches, cultivates. The combination of the saw-toothed blades with the scuffle, or knife blade, or the cultivating teeth thoroughly pulverizes the soil, kills and pulls out all weeds, and does a complete job of cultivating with but a minimum of effort. Made in three sizes: 8-inch \$7.00; 10-inch \$7.50; 12-inch \$8.00.

Planet Jr. Speed Hoe



No. 19. Planet Jr. Garden Plow and Cultivator. Equipment: One garden plow, one 10-inch sweep, and one cultivator tooth. Fitted with a 15-inch steel wheel. The complete assortment of cultivating attachments enables you to do the garden plowing, open and close furrows for seeds, and hill up plants, \$4.75

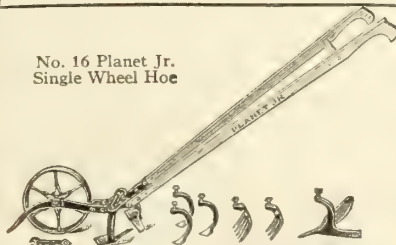
No. 19 Planet Jr. Garden Cultivator



Jiffy Seeder

The Planet Jr. Jiffy-Seeder plants vegetable seeds (from the smallest up to kidney beans) in straight rows. The hopper holds a pint and a half of seed but handles the smallest packet as well. It opens the furrow, drops the seed, covers, and rolls it all in one operation. \$8.00.

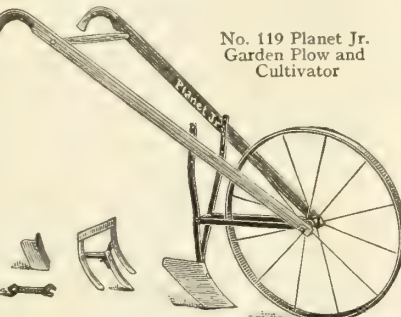
No. 16 Planet Jr. Single Wheel Hoe



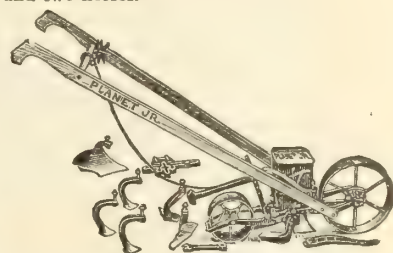
No. 16. Planet Jr. Single Wheel Hoe. Designed to do all work required in the small garden, plowing, cultivating, hoeing, and raking. It is very light, and can therefore be easily carried about, \$8.50.

No. 17. Single Wheel Hoe. Identical with No. 16, excepting that the two rakes and leaf guard are not supplied, \$7.35.

No. 119 Planet Jr. Garden Plow and Cultivator



No. 119. Planet Jr. Garden Plow and Cultivator. Equipment: One garden plow, one 4-inch cultivating tooth, one 2-inch cultivator tooth, one scuffle blade cultivating attachment. This complete assortment of cultivating attachments takes care of plowing, hilling, opening furrows, and general cultivation, \$3.50.

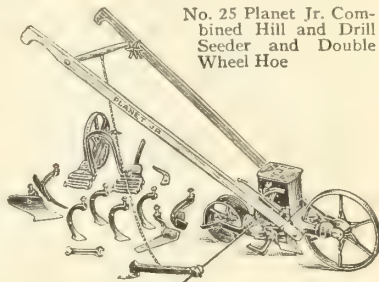


No. 4 Planet Jr. Combined Hill and Drill Seeder and Single Wheel Hoe

No. 4. Combined Seeder and Cultivator. The small grower should select one of the combined machines. As a hill and drill seeder it opens the furrow, deposits the seed, covers it, and rolls it, either in drills or hills. Holds $2\frac{1}{2}$ quarts, \$16.75.

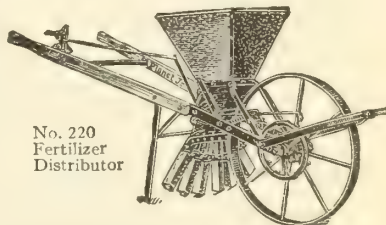
No. 4D. Seeder only, cultivating tools not included, \$13.50.

No. 25 Planet Jr. Combined Hill and Drill Seeder and Double Wheel Hoe



No. 25. Combined Seeder and Cultivator. Many users call this the "Complete Gardener." Sows all seeds as explained under No. 4. Used as a double wheel hoe it straddles the row, cultivating both sides at one time till plants are 20 inches high. It can then be used as a single wheel hoe between the rows. The equipment of one pair of garden plows, 4 cultivator teeth, 1 pair of 6-inch hoes, and leaf lifters, enables you to do practically all the garden work. Capacity of seed hopper, $2\frac{1}{2}$ quarts, \$21.00.

No. 220 Fertilizer Distributor



No. 220 Fertilizer Distributor accurately handles any commercial fertilizer or the pulverized manures and bone meal, distributing them evenly in any desired quantity.

The placing of the fertilizer is by means of 6 adjustable spouts. The distribution can be arranged for the middles of three rows 14 inches apart or it will side dress one side each of two rows up to 36 inches apart. The quantity of fertilizer can be regulated from 200 to 2000 pounds to the acre. \$26.00.

BOVUNG

Natural Organic Fertilizer

Bovung is dried cow manure, rich in plant food, and so dehydrated that practically all moisture has been removed from it immediately after the manure was taken from the barns.

A natural organic fertilizer for the vegetable or flower garden. 100 pounds are equivalent to 500 pounds of fresh manure.

Bovung will build up your soil, and because of its perfect mechanical condition may be used in side dressing the growing plants. It is entirely free from live weed seeds.

5 lbs. 35c; 10 lbs. 60c; 25 lbs. \$1.00; 50 lbs. \$1.50; 100 lbs. \$2.75; 500 lbs. \$12.50; 1000 lbs. \$23.50; ton \$42.50.

Insecticides and Fungicides

Parcel Post. All insecticides may now be delivered by Parcel Post and we will so complete your order providing sufficient postage is remitted.

Ansul Colloidal Sulphur. A fungicide for the control of plant diseases, also effective against red spider, red mite, and scale insects. Readily soluble, remaining in suspension indefinitely. 8 ounce tube 90c; 3 lbs. \$2.00.

Ansul Formaldehyde Dust. A seed and soil treating material controlling seed borne disease as well as damping off of seedlings and cuttings. Lb. 75c; 5 lbs. \$2.00; 25 lbs. \$5.50.

Antrol. An effective control for the honey-dew loving species of ants. Antrol ready-filled set containing 4 filled feeders, 40c; Regular set of 4 containers and 4 ounces of Syrup 75c; Antrol Syrup, 4 ozs. 35c; pt. 85c; gallon \$3.50.

Ant Destroyer. An effective remedy for ants. ¼ lb. 30c; ½ lb. 50c; lb. 75c; 5 lbs. \$2.00.

Arsenate of Lead. The standard insecticide for the control of chewing insects. Lb. 35c; 4 lbs. \$1.00; 24 lbs. \$4.75; 100 lbs. \$17.50.

Astogen. A control for soil insects attacking Asters, Calendulas, Columbine, etc. It also assists in preventing stem rot and yellows. 2 lbs. 75c; 5 lbs. \$1.50; 10 lbs. \$2.75; 25 lbs. \$5.00.

Black Leaf 40. A concentrated nicotine solution for aphids, thrips, and red spider. Oz. 35c; 5 ozs. \$1.00; lb. \$2.25; 2 lbs. \$3.25; 5 lbs. \$5.85; 10 lbs. \$9.85.

Bordeaux Mixture. The recognized preventive for most fungus diseases. Lb. 35c; 4 lbs. \$1.00; 24 lbs. \$4.50.

Cyanogas, "Calcium Cyanide," Grade A, for the destruction of ground moles, wood chucks, rats, and other rodents. Lb. 75c; 5 lbs. \$3.00.

Dog Skat. Keeps dogs and cats from shrubbery. Tube releases vapor offensive to animals and lasts one year. Tube 30c.

Dutox (Barium Fluosilicate). A safe and efficient material that may be either sprayed or dusted for the control of the Mexican Bean beetle, Potato beetle, Cucumber beetle, etc., without danger of burning. Lb. 35c; 6 lbs. \$1.50.

New Evergreen. A non-poisonous pyrethrum insecticide that destroys a great number of both chewing and sucking insects. Does not require a spreader. Oz. bottle 35c; 6 oz. bottle \$1.00; pt. \$2.00; gallon \$11.50.

Fungtrogen. A most effective control for Mildew, Black Spot, and other fungus diseases of Roses. Will not discolor the foliage. Half pint 75c; pt. \$1.25; qt. \$2.00; half gallon \$3.50; gallon \$6.00.

Garden Spray, "Red Arrow." A contact insecticide that may be used upon tender foliage and flowers without burning or staining. Economical to use, being decidedly effective at dilutions of one to five hundred. Oz. 35c; ¼ pt. \$1.00; pt. \$2.00; qt. \$3.75; gallon \$12.00.

In preparing spray solutions accuracy of measuring the concentrated insecticides is most important. For the purpose we offer a set of aluminum measuring spoons including table, tea, one-half tea and one-quarter tea spoons at 20 cents, postpaid.

Grape and Rose Dust. Powder. An effective preventive for mildew and other fungus diseases in the garden or greenhouse. Lb. 40c; 5 lbs. \$1.50; 25 lbs. \$6.50.

Insectrogen. Offers the maximum of protection against all leaf eating insects and beetles. Does not wash off readily. ½ pt. \$1.00; pt. \$1.75; qt. \$2.75; half gallon \$4.50; gallon \$8.00.

K. R. O. "Kills Rats Only." May be used with entire safety about the home, the barn, or poultry house, since it is not a poison and is harmless to human beings, live stock, pets, or poultry. 2 oz. package 75c.

Lemon Oil. Effective against scale and aphids. ½ pt. 30c; pt. 50c; qt. 75c; gallon \$2.50; 5 gallons \$10.00.

Lime Sulphur Solution. An insecticide and fungicide for spraying fruit trees to control San Jose scale and fungus diseases. Qt. 50c; gal. \$1.20; 5 gals. \$4.00; 10 gals. \$6.00; 30 gal. barrel \$9.00; 50 gals. \$12.50.

Lime Sulphur Powder. A summer spray for apples, pears, cherries, and plums. Lb. 35c; 5 lbs. \$1.50; 10 lbs. \$2.50; 25 lbs. \$4.50; 50 lbs. \$8.00; 100 lbs. \$14.00.

Molgen. A non-poisonous material that will eliminate moles from your lawn in several days. ½ lb. 50c; 1½ lbs. \$1.25; 5 lbs. \$4.00.

Napthalene Flakes. Useful in controlling Gladiolus thrips, Cyclamen thrips, together with certain soil insects. Lb. 15c; 5 lbs. 65c; 25 lbs. \$2.75.

Nico Fume. Liquid. An effective vaporizing liquid. Lb. \$2.25; 4 lbs. \$6.00; 8 lbs. \$10.75.

Fumigating Lamp. Metal for vaporizing Nico Fume 75c.

Nico Fume. Paper. A nicotine preparation. Furnishes easy method of fumigating the greenhouse. Box of 24 sheets \$1.35; 144 sheets \$4.75; 288 sheets \$8.50.

Nico Fume. Powder. A fumigant less likely to damage plants than any other, contains 12½ per cent. nicotine. Lb. \$1.15; 5 lbs. \$3.50; 10 lbs. \$6.25.

Nikoteen (30% Solution). For spraying or fumigating. ½ lb. \$1.25; lb. \$2.00; 4 lbs. \$6.00; 8 lbs. \$10.50.

Pomo-Green with Nicotine. The leaf-green all-in-one Dust or Spray. A combination material which controls fungus diseases, and kills both leaf eating insects and aphids. Leaf-green in color and never unsightly on plants. May be used for dusting or spraying. Lb. can 75c; 5 lb. can \$3.00.

Pomo-Green without Nicotine. (For use as dust only) is highly recommended where aphids or other sucking insects are not present. Lb. 50c; 5 lbs. \$1.75.

Pyrote. A non-poisonous combination of pyrethrum and rotenone toxic to insects whether leaf eating or sap sucking. 1 oz. 35c; 6 oz. \$1.00; pint \$2.00; gallon \$12.00.

Qua-Sul. A very effective fungicide for the control of mildew, blackspot, Delphinium blights and Antirrhinum rust, damping off fungus, etc. Qt. \$1.25; gallon \$4.00.

Scalecide. A complete dormant spray for San Jose scale, and other orchard pests. Qt. 65c; gal. \$1.50; 5 gals. \$5.75; 10 gals. \$9.50; 15 gallon drum \$14.00; 30 gals. \$22.50; 50 gals. \$30.00.

Semesan. A disinfectant for the control of seed, plant, and soil diseases. It increases seed germination and prevents damping off fungus. 2 ozs. 50c; lb. \$2.50; 5 lbs. \$11.75.

Slug Shot. One of the best known remedies for Cabbage and Currant Worms as well as other leaf eating insects. Harmless to humans. Lb. 25c; 5 lbs. \$1.00; 25 lbs. \$4.00.

Snarol. An effective bait for controlling Cutworms, Grasshoppers, Snails, Slugs, and Sow Bugs. Not injurious to plants. 1½ lb. 35c; 4 lbs. 85c; 15-lb. bag \$3.00.

Soap, Fish Oil.
Soap, Caustic Potash Fish Oil.
Soap, Rosin Fish Oil.

Any of the above soaps: Lb. 30c; 5 lbs. \$1.25; 10 lbs. \$2.25; 25 lbs. \$4.00.

Sulphur. Powdered. For mildew. Lb. 15c; 5 lbs. 50c; 10 lbs. 85c; 25 lbs. \$2.00; 100 lbs. \$7.50.

Sunoco Spray Oil. Control for scale insects on trees and shrubs, and those pests attacking coniferous evergreens. Gallon \$1.25; 5 gals. \$5.00; 15 gals. \$8.50; 30 gals. \$14.00; 50 gals. \$20.00.

Tobacco Dust. Finely ground for dusting. Lb. 15c; 5 lbs. 50c; 25 lbs. \$1.50; 100 lbs. \$3.50.

Tree Tanglefoot. A paste preparation painted around the trunks to keep caterpillars, etc., from crawling into the trees. One pound makes from 12 to 15 lineal feet of band. Lb. 60c; 5 lbs. \$2.75; 10 lbs. \$5.25; 25 lbs. \$11.00.

Tri-O-Gen.-Rose Garden Spray.

Affords definite protection against practically all insects and fungus diseases in the rose garden. Trial size \$1.50; Standard size \$4.00; Large Outfit \$6.00; Estate kit \$20.00.

Volck, Nursery. Effectually controls aphid, mealy bug, white fly, thrips, etc., while for red spider and scale insects upon evergreens it is unequalled. Does not discolor foliage. ½ pt. 35c; pt. 50c; qt. 75c; gallon \$2.25; 5 gallons \$7.50.

Garden Volck. Containing both nicotine and soap, resulting in practically a complete spray, insecticide, fungicide, and ovicide. Effective against aphid, cyclamen mite, white fly, chrysanthemum midge, rust, and mildew. 3 oz. bottle 35c; 1 pt. \$1.00; 1 qt. \$1.50; 1 gallon \$4.00; 5 gallons \$13.50.

Weed Killer (Non-Poisonous). Deadly to vegetation but harmless to humans, birds, and other animals. One pound, in sifter can 50c; 3½ pounds, in sifter can \$1.50; 15 lb. drum \$3.50; 50 lb. drum \$7.50.

Weed Killer. Kills all plant growth. Dilute 1 part with 40 parts of water. Applied with an ordinary watering can. Qt. 50c; ½ gal. 85c; 1 gal. \$1.50; 5 gals. \$6.00; 30 gal. drum \$30.00; 50 gal. drum \$40.00. Not available.

Wilson's O. K. Plant Spray. Will destroy aphid, red spider, lace wing fly, currant worm, and other soft bodied insects. ½ pt. 40c; qt. \$1.00; gal. \$3.00; 5 gals. \$12.00; 10 gals. \$22.00.

Fertilizers for Lawn and Garden

Dreer's "Peerless" Plant Food. This fertilizer contains the correct proportions of plant food elements that assure vigorous, sturdy plant growth. Excellent for pot plants as well as in the flower garden. $\frac{1}{2}$ lb. 25c; lb. 40c, postpaid. Not prepaid, 5 lbs. 50c; 10 lbs. 85c; 25 lbs. \$1.50; 50 lbs. \$2.50; 100 lbs. \$4.00.

Adco. The addition of Adco to the compost pile or to other vegetable refuse, grass clippings, leaves, etc., using two pounds to each wheelbarrow load of refuse, will produce a clean, odorless manure within three to four months. 25 lbs. \$2.00; 150 lbs. \$10.50.

Aluminum Sulphate. A material used in creating acid soils, in which Azaleas, Rhododendrons, and similar plants are to be grown. Use one pound to 10 square feet of surface. 5 lbs. 50c; 10 lbs. 85c; 25 lbs. \$1.50; 50 lbs. \$2.50; 100 lbs. \$4.00.

Ammonia Sulphate. A readily soluble nitrogenous fertilizer analysing about 25% ammonia. 5 lbs. 50c; 10 lbs. 75c; 25 lbs. \$1.25; 50 lbs. \$2.00; 100 lbs. \$3.50.

Ashes, Hardwood. A good potash fertilizer for Delphinium, Lilies and similar plants requiring an alkaline soil condition. 25 lbs. \$1.25; 50 lbs. \$2.00. Per bag of about 100 lbs. \$3.00.

Blood Meal. A quickly available, yet long lasting organic fertilizer. 5 lbs. 50c; 10 lbs. 75c; 25 lbs. \$1.75; 50 lbs. \$3.00; 100 lbs. \$5.50.

Bone Flour. Very finely pulverized bone. Excellent where an immediate effect is wanted. 5 lbs. 40c; 10 lbs. 75c; 25 lbs. \$1.50; 50 lbs. \$2.50; 100 lbs. \$4.00.

Bone Meal. The fertilizer for all purposes; safe and effective. Especially good for use in the Rose garden and upon flowering Shrubs. 5 lbs. 40c; 10 lbs. 65c; 25 lbs. \$1.25; 50 lbs. \$2.00; 100 lbs. \$3.50; 500 lbs. \$16.50; 1000 lbs. \$30.00; ton, \$57.50.

BOVUNG
An organic fertilizer

is natural cow manure, containing not less than 75% organic matter, thoroughly dehydrated and well pulverized. Entirely free of dirt and live weed seeds, and has much less odor than any similar fertilizer. Bovung is in ideal condition for use upon the lawn, while our experiments with it upon flowering plants have proved it superior to any other manure. 5 lbs. 35c; 10 lbs. 60c; 25 lbs. \$1.00; 50 lbs. \$1.50; 100 lbs. \$2.75; 500 lbs. \$12.50; 1000 lbs. \$23.50; ton \$42.50.

Clay's Fertilizer, Imported. Recognized as the outstanding fertilizer for greenhouse use. Bag of 28 lbs. \$3.50; 56 lbs. \$6.00; 112 lbs. \$11.50.

Peat Moss. An excellent medium with which to improve the texture of your soil. Through its use heavy clays are lightened and made more porous while those soils that are sandy are aided in their ability to retain moisture. Peat moss also makes a splendid mulching material that is particularly good when used about Evergreens, Rhododendrons, Azaleas, and similar plants. 25 lbs. \$1.00; 50 lbs. \$1.50; bale of 20 bushels (sufficient to cover an area of 250 square feet one inch deep) \$3.00; 5 bales \$13.50; 10 bales \$25.00.

Cattle Manure. Not pulverized, but rather shredded making it a desirable fertilizer upon heavy clay or loose sand soils. 25 lbs. \$1.25; 50 lbs. \$2.00; 100 lbs. \$3.25; 500 lbs. \$16.00; 1000 lbs. \$30.00; ton \$55.00.

Cotton Seed Meal. Rich in ammonia and potash, making an excellent organic fertilizer for ericaceous plants such as Laurel, Rhododendrons, Azaleas, etc. 5 lbs. 50c; 10 lbs. 75c; 25 lbs. \$1.50; 50 lbs. \$2.50; 100 lbs. \$4.50.

Hyper Humus. Humus is organic matter that has reverted to a soil-like condition. It will lighten heavy soils, while sandy soils are benefited through their added ability to retain moisture. 50 lbs. \$1.25; 100 lbs. \$2.00; 500 lbs. \$9.50; 1000 lbs. \$15.00; ton \$25.00.

Soil Testing Equipment

La Motte Soil Testkit, for the determination of acidity and alkalinity, \$2.00.

La Motte Nitrate Set, furnishes an accurate reading of Nitrogen or Ammonia within the soil, \$10.00.

La Motte-Truog Phosphorus Outfit, giving a precise report upon phosphorus deficiency or excess, and indicating the correct amount of fertilizer necessary with which to bring the garden up to par, \$12.50.

Lawn Fertilizer. A special mixture that has been prepared primarily for fine lawns and greens. The analysis, 6-7-3, indicates the proper balancing of fertilizing units that will economically produce the utmost in the growth of grasses. 25 lbs. \$1.75; 50 lbs. \$3.00; 100 lbs. \$5.00; 500 lbs. \$22.50.

Lime, Hydrated. For lawn or garden use. Very finely pulverized. 10 lbs. 25c; 50 lbs. 75c; 100 lbs. \$1.25; 500 lbs. \$5.50; 1000 lbs. \$10.00; ton \$18.50.

Limestone. Pulverized. For the creating of alkalinity in soils. For the growing of Delphinium and similar plants no other material is more effective nor safer to use than pulverized limestone. 50 lbs. 65c; 100 lbs. \$1.00; 500 lbs. \$4.50; 1000 lbs. \$8.00; ton \$15.00.

Loma. A scientifically prepared plant food for the lawn, flower garden, and vegetable garden. Rich in nitrogen, potash, and phosphates. 25 lbs. \$1.50; 50 lbs. \$2.50; 100 lbs. \$4.00.

Muriate of Potash. The essential element for the proper development of all root crops. 5 lbs. 45c; 10 lbs. 75c; 25 lbs. \$1.25; 100 lbs. \$4.00.

Nitrate of Soda. Where quick, succulent growth is desired, such as with Lettuce, Spinach, etc., Nitrate of Soda is particularly valuable. 5 lbs. 40c; 25 lbs. \$1.25; 50 lbs. \$2.00; 100 lbs. \$3.50.

Phosphate, Superphosphate (16% Acid Phosphate). The rapid development of plants with a corresponding stimulation of flower production are qualities that may be attributed to phosphates. 25 lbs. 85c; 50 lbs. \$1.25; 100 lbs. \$2.00; 500 lbs. \$7.50.

Plantabbs. A widely advertised fertilizer and stimulant in tablet form made especially for potted plants. Package of 30 tablets 25c; 75 tablets 50c; 200 tablets \$1.00; 1000 tablets \$3.50.

Salt, Agricultural. Used upon the Asparagus bed, chiefly for keeping down weeds. 100 lbs. \$1.75; 500 lbs. \$7.50.

WIZARD
TRADE BRAND MARK
PULVERIZED

Sheep Manure

One of the most used animal manures in the growing of flowers and upon lawns. 5 lbs. 40c; 10 lbs. 65c; 25 lbs. \$1.00; 50 lbs. \$1.75; 100 lbs. \$3.00; 500 lbs. \$14.00; 1000 lbs. \$26.50; ton \$50.00.

Soot, Imported Scotch. Used to produce good color in greenhouse plants. Effective against grubs, worms, and other soil insects. 10 lbs. 75c; 25 lbs. \$1.50; 50 lbs. \$2.75; 100 lbs. \$5.00.

Stim-U-Plant. A fertilizer in tablet form, containing the essential plant foods in highly concentrated form. Very convenient for use upon pot grown plants. Package of 30 tablets 25c; 100 tablets 75c; 1000 tablets \$3.50.

Tankage. Very similar to blood but not so high in fertilizer content. 25 lbs. \$1.25; 50 lbs. \$2.00; 100 lbs. \$3.50.

Tobacco Stems (Shredded). A fertilizer and an insecticide, while as a mulch for the Rose garden nothing will be found that is superior. 25 lbs. \$1.00; 50 lbs. \$1.75; 100 lbs. \$3.00; 1000 lbs. \$25.00. *Uncut Stems* for poultry nests, in bales of 100 lbs. \$2.50.

Tobacco Stem Meal (Sterilized). Supplies organic potash and nitrogen. Adds humus to the soil and will increase the value of any chemical fertilizer when used in equal parts. 25 lbs. \$1.00; 50 lbs. \$1.75; 100 lbs. \$3.00.

Tree Food, "Davey." A concentrated fertilizer prepared especially for trees by the Davey Institute of Tree Surgery. This food is not a cure-all, but rather a carefully balanced ration that will give your trees an immediate impulse toward higher vitality. Supplied in 50 lb. bag only; bag, \$3.50.

Vegetable Garden Fertilizer. A properly balanced fertilizer that may be used with excellent results throughout the entire vegetable garden. 25 lbs. \$1.00; 50 lbs. \$1.75; 100 lbs. \$3.00; 500 lbs. \$12.50; 1000 lbs. \$22.50; ton, \$40.00.

Vigoro. A specially prepared food for lawns, vegetable and flower gardens, shrubbery, trees, etc. 25 lbs. \$1.50; 50 lbs. \$2.50; 100 lbs. \$4.00.

Wonder Worker Garden Fertilizer. A complete fertilizer for the flower or vegetable garden. The analysis is 6-8-5 with not less than 60% of the nitrogen being derived from organic sources. 25 lbs. \$1.50; 50 lbs. \$2.50; 100 lbs. \$4.00; 500 lbs. \$17.50.

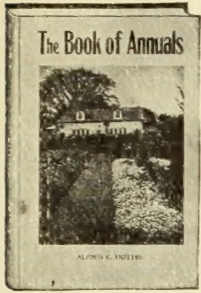
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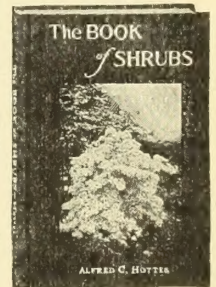
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